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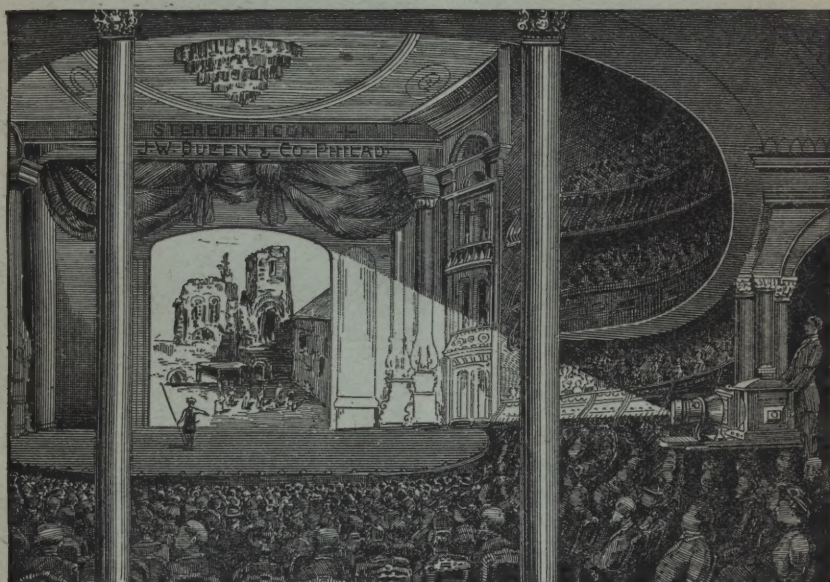
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## AMERICA.

### WASHINGTON CITY, D. C.

With Reading.

- |  |  |                                     |
|--|--|-------------------------------------|
| 1 Mount Vernon, Virginia               | 17 White House, interior               | 33 Howard University                |
| 2 Christ Church, Alexandria            | 18 White House, exterior               | 34 Patent Office                    |
| 3 Old Carlisle House, Alexandria       | 19 Inauguration Ceremony               | 35 Post Office                      |
| 4 Results of grading the streets       | 20 Washington Monument                 | 36 House in which Lincoln died      |
| 5 Pennsylvania Avenue                  | 21 Dedication Ceremony                 | 37 Lincoln Emancipat'n statue       |
| 6 Capitol, N E                         | 22 State, War, and Navy Department     | 38 Seward's House                   |
| 7 Panorama from Capitol                | 23 Treasury                            | 39 Garfield Tablet                  |
| 8 Panorama from Capitol                | 24 Corcoran Art Gallery                | 40 Peace Monument                   |
| 9 Panorama from Capitol                | 25 Lafayette Square                    | 41 Congressional Cemetery           |
| 10 Capitol, S W                        | 26 Columbia University                 | 42 National Museum                  |
| 11 Senate, exterior                    | 27 British Legation                    | 43 National Museum, interior        |
| 12 House of Representatives, exterior  | 28 Georgetown College                  | 44 Smithsonian Institute            |
| 13 Dome of Capitol                     | 29 Panorama from Georgetown College    | 45 Agricultural Department          |
| 14 Senate, interior                    | 30 Panorama from Georgetown College    | 46 Bureau of Printing and Engraving |
| 15 House of Representatives, interior  | 31 Home of the Man who lives in a tree | 47 Fulton Statue, in the Capitol    |
| 16 President taking the Oath of Office | 32 Soldiers' Home                      | 48 The Potomac                      |
|  |  | 49 Negro Quadrille Party            |
|  |  | 50 Negro Sermon                     |

## NIAGARA.

With Reading. By the Rev. J. Comper Gray.

- |  |   |  |
|--|---|--|
| 1 Diagrams— <i>Upper Diagram</i> : Geometrical plan of the Lakes, showing their relation to Niagara. <i>Lower Diagram</i> : Vertical section of River Niagara, showing the dip of the River between Lake Erie and Lake Ontario | 11 American Fall, from Clifton House                              | 25 Second View of Terrapin Tower                       |
| 2 Diagram—Geological, showing the cause of the receding of the Falls   | 12 Horseshoe Fall, on leaving Clifton House                       | 26 Third View of Terrapin Tower                        |
| 3 Plan of our Tour; the spots showing the places whence some of the principal Views were taken   | 13 Horseshoe Fall, from the Custom House                          | 27 Fourth View of Terrapin Tower                       |
| 4 View from Monteaule House  | 14 Terrapin Tower, on verge of Horseshoe Fall, from Canadian side | 28 Bridge leading to Terrapin Tower                    |
| 5 Suspension Bridge. Railway Track   | 15 First Curve of Horseshoe Fall, from Table Rock                 | 29 Bridge from first to second of Three Sisters        |
| 6 Suspension Bridge. Carriage-way under the Railway  | 16 Second Curve of Horseshoe Fall, from above Table Rock          | 30 The Rapids and Bursting Wave                        |
| 7 Within the Carriage-way of the Suspension Bridge   | 17 The Rapids   | 31 Snow-wreathed Evergreens                            |
| 8 View of the Falls from Victoria Point  | 18 Nearer View of American Fall, from Clifton House               | 32 Frozen Spray  |
| 9 The new Suspension Bridge. Near View   | 19 American Fall, from the Ferry, Canadian side                   | 33 View in Winter from the Hog's Back, American Fall   |
| 10 The new Suspension Bridge. The Buttresses   | 20 General View of the Falls from the Ferry, American side        | 34 American Fall, through the Snow Arch on Luna Island |
|  | 21 General View of the Falls, from Point View                     | 35 Snow Arch, nearer View                              |
|  | 22 Bridge over the Rapids, to Goat Island                         | 36 Ice Columns under the Bank                          |
|  | 23 American Fall, from the Hog's Back, Goat Island                | 37 Snow effect, Luna Island                            |
|  | 24 First View of Terrapin Tower, from Goat Island                 | 38 Falls in Winter, from Point View                    |
|  |   | 39 Below the Falls, Winter                             |
|  |   | 40 Below the Falls, Winter. Nearer View of Ice Cone    |
|  |   | 41 Map of Niagara, for review of the Tour.             |



## WASHINGTON TO THE NORTHWEST.

With Reading.

- |                                  |   |   |
|----------------------------------|---|---|
| 1 The Capitol, Washington        | 19 Albany—The Senate                          | 38 Minneapolis—Mississippi River        |
| 2 Baggage Smashers               | 20 Albany—The House of Assembly               | 39 Minneapolis—The University           |
| 3 Locomotive                     | 21 Saratoga—Grand Union Hotel                 | 40 Minneapolis—Mr. Washburn's Residence |
| 4 Interior Pullman Car           | 22 Saratoga—Congress Park                     | 41 Montana—Cattle Rancho                |
| 5 City Hall, Baltimore           | 23 Niagara Falls—Panorama                     | 42 Montana—Cattle Rancho                |
| 6 Washington Monument, Baltimore | 24 Niagara—Horseshoe Fall                     | 43 Ascending the Rocky Mountains        |
| 7 Philadelphia—Public Buildings  | 25 Niagara—American Fall                      | 44 Ascending the Rocky Mountains        |
| 8 Philadelphia—Independence Hall | 26 Niagara—American Fall in Winter            | 45 Hayden Valley—Yellowstone Park       |
| 9 Philadelphia—Liberty Bell      | 27 Niagara—Rapids and Bridges                 | 46 Old Faithful Geyser—Yellowstone Park |
| 10 Philadelphia—Girard College   | 28 Detroit—City Hall                          | 47 Geyser Cave—Yellowstone Park         |
| 11 New York—Ferry Boat           | 29 Detroit—Soldiers' Memorial and Opera House | 48 Grand Geyser—Yellowstone Park        |
| 12 New York—Panorama             | 30 Chicago—State Street                       | 49 Mammoth Hot Spring—Yellowstone Park  |
| 13 New York—Broadway             | 31 Chicago—Lake Steamer                       | 50 The Great Falls—Yellowstone Park     |
| 14 New York—Brooklyn Bridge      | 32 Chicago—Post-Office                        |   |
| 15 New York—Elevated Railway     | 33 Chicago—Stock Yards                        |   |
| 16 New York—Grand Central Depot  | 34 St. Paul—General View                      |   |
| 17 New York—Grand Central Depot  | 35 St. Paul—The Capitol                       |   |
| 18 Albany—The Capitol            | 36 Minnehaha Falls                            |   |
|                                  | 37 Minneapolis—Bridge Square                  |   |

## YELLOWSTONE NATIONAL PARK.

All from Original Negatives.

- |                                      |                                       |  |
|--------------------------------------|---------------------------------------|--|
| 1 Gardiner Canyon, Entrance to Park. | 19 Riverside Geyser.                  | 37 Upper Falls from Trail.                 |
| 2 Mammoth Hotel and Stages.          | 20 Grotto Geyser.                     | 38 Grand Canyon from Brink.                |
| 3 Liberty Cap and Mammoth Hotel.     | 21 Giant Geyser.                      | 39 Point Lookout and Great Falls.          |
| 4 Minerva Terrace.                   | 22 Crater Oblong Geyser.              | 40 Inspiration Point.                      |
| 5 Pulpit Terrace.                    | 23 Punch Bowl.                        | 41 Up the Canyon from Inspiration Point.   |
| 6 East Entrance to Golden Gate.      | 24 Castle Well and Castle Cone.       | 42 Down the Canyon from Inspiration Point. |
| 7 Golden Gate and Bridge.            | 25 Castle, Bee-Hive and Old Faithful. | 43 Canyon and Falls from Artists' Point.   |
| 8 Obsidian Cliff, Beaver Lake.       | 26 Old Faithful Geyser.               | 44 Great Falls from below.                 |
| 9 Norris Geyser Basin.               | 27 Crater of Giantess Geyser.         | 45 Great Falls, near view.                 |
| 10 Virginia Cascades.                | 28 Crater of Grand Geyser.            | 46 Petrified Trees, near Yanceys.          |
| 11 Gibbon Canyon.                    | 29 Keppler's Cascades.                | 47 Tower Falls and Canyon.                 |
| 12 Gibbon Falls.                     | 30 Lone Star Geyser.                  | 48 In Norris Geyser Basin in winter.       |
| 13 Mammoth Paint Pots.               | 31 Shoshone Lake.                     | 49 Foliage near Geysers in winter.         |
| 14 Fountain Geyser.                  | 32 Hot Spring Cone, Yellowstone Lake. | 50 Great Falls in winter.                  |
| 15 Excelsior Geyser, from Road.      | 33 Yellowstone Lake.                  |  |
| 16 Interior Excelsior Geyser.        | 34 Hayden Valley.                     |  |
| 17 Excelsior Geyser in Action.       | 35 Sulphur Mountain.                  |  |
| 18 Sapphire Pool, Biscuit Basin.     | 36 Rapids above Upper Falls.          |  |

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## A VISIT TO YOSEMITE VALLEY.

40 Views and Reading.

- |                                  |                                 |                                  |
|----------------------------------|---------------------------------|----------------------------------|
| Wawona Hotel                     | El Capitan from S. W            | The Two Domes                    |
| Grizzly Giant                    | Bridal Veil Falls               | North Dome and Washington Column |
| Log Cabin in Grove               | Bridal Veil from below          | South Dome and Cloud's Rest      |
| Wawona, entire tree              | Cathedral Spires                | Mirror Lake                      |
| Wawona, Carriage passing through | Sentinel Rock                   | Vernal Falls                     |
| Mother of the Forest             | Three Brothers                  | Nevada Falls, Liberty Cap        |
| Stage passing Alder Creek        | Yosemite Falls and Merced River | Glacier Point                    |
| Panorama of Yosemite Valley      | Yosemite Falls from below       | The Domes from Glacier Point     |
| El Capitan and Bridal Veil       | Yosemite Falls, Upper Falls     |                                  |



## FROM LONDON TO THE FALLS OF NIAGARA.

With Reading. By H. Gore, C. E.

- |  |   |  |
|--|---|--|
| 1 Euston Square Station                          | Cascade                                       | 33 Bridge to Goat Island                             |
| 2 Queenstown and Cove of Cork                    | 19 The "Kauterskill" Fall                     | 34 American Falls from the Hog's Back                |
| 3 Saloon of Steamer                              | 20 Waterfall in Winter                        | 35 Terrapin Tower and Horse-shoe Fall                |
| 4 North River Ferry Boat                         | 21 On the Ramapo, near Augusta Furnace        | 36 General View of Falls—Winter                      |
| 5 Shipping on River                              | 22 Profile Rock on the Mohawk                 | 37 Below American Falls                              |
| 6 Bird's Eye View of New York                    | 23 View in Woods near Old Fort George         | 38 Snow Effect and Icicle—Luna Island                |
| 7 Canal Street                                   | 24 Steamboat on Lake George                   | 39 Frozen Spray—Luna Island                          |
| 8 View of Broadway                               | 25 Town of Rochester and Upper Falls          | 40 Snow Arch   |
| 9 Herald Office                                  | 26 Portage Bridge and Middle Fall             | 41 Sunshine on Luna Bridge after a Snow Storm        |
| 10 City Hall                                     | 27 Lower Genesee Falls                        | 42 Capitol, Washington                               |
| 11 Stewart's New Store                           | 28 Channel below Falls, Genesee               | 43 East Portico of the Capitol                       |
| 12 Central Park—The Lake and Bow Bridge          | 29 Suspension Bridge                          | 44 Interior of Rotunda and Statue of Abraham Lincoln |
| 13 The Fountain and part of the Wilderness       | 30 Suspension Bridge and Falls                | 45 Interior Patent Office                            |
| 14 The Rustic Arbor                              | 31 View of Rapids                             | 46 The Washington Monument, Union Square             |
| 15 Sculpture in the Park—The Tam o'Shanter group | 32 View of Horseshoe Falls from Clifton House |  |
| 16 River and Steamer                             |   |  |
| 17 Catskill Mountain House                       |   |  |
| 18 Bastion Fall and Terrace                      |   |  |

## FROM QUEBEC TO THE ROCKY MOUNTAINS.

With Reading.

- |  |  |                                   |                                      |
|--|--|-----------------------------------|--------------------------------------|
| <b>QUEBEC.</b>                         |  | 22 Iroquois in Canoe              | 41 Canadian Falls, centre with spray |
| 1 Ocean Steamer                        |  | <b>OTTAWA.</b>                    | 42 Water Wheel to Whirlpool          |
| 2 Iceberg.                             |  | 23 Public Buildings, General View | 43 Whirlpool                         |
| 3 Quebec from Point Levis, Panorama    | 24 House of Parliament                         |                                   | <b>TORONTO.</b>                      |
| 4 Quebec from Point Levis, Panorama    | 25 House of Parliament, Interior               | 44 Lieut.-Governor's House        | 45 Post-Office                       |
| 5 Panorama from Laval University.      | 26 Departmental Building, East                 | 46 Normal College                 | 47 University College                |
| 6 View from Citadel                    | 27 Departmental Building, West                 |                                   | <b>LAKE SUPERIOR.</b>                |
| 7 Point Levis from Dufferin Terrace    | 28 Chaudière Falls                             | 48 Sault St. Mary Lock            | 49 Canal Locks                       |
| 8 Montmorency Falls                    | 29 Timber Raft                                 | 50 Port Arthur from Steamer       | 51 Water Street, Port Arthur         |
| 9 Group of Indians                     | 30 Timber Stacks                               |                                   |                                      |
| 10 River Steamer to Montreal           | 31 The Library                                 |                                   |                                      |
|  | 32 View from House of Parliament Grounds       |                                   |                                      |
| <b>MONTREAL.</b>                       |  | <b>HAMILTON.</b>                  | <b>WINNIPEG.</b>                     |
| 11 Montreal, View from Notre Dame      | 33 Panorama of City                            | 52 Winnipeg from Tower            | 53 Winnipeg, Main Street             |
| 12 Montreal, Panorama from Mount Royal | 34 Panorama of City                            | 54 Streets in Winter              | 55 Sleighing                         |
| 13 Montreal, Panorama from Mount Royal | 35 The Market                                  |                                   |                                      |
| 14 Montreal, Panorama from Mount Royal |  | <b>NIAGARA.</b>                   | <b>ROCKIES.</b>                      |
| 15 James Street                        | 36 Falls, Panorama                             | 56 Train of Pullman Cars          | 57 Kicking Horse Pass                |
| 16 Windsor Hotel                       | 37 Rapids above the Falls                      | 58 Group of Indians               | 59 Railway Tunnel                    |
| 17 Windsor Hotel, Interior             | 38 American Falls from Canadian side in Summer | 60 A View of British Columbia     |                                      |
| 18 McGill College                      | 39 American Falls from Canadian side in Winter |                                   |                                      |
| 19 River Front and Allan Steamer       | 40 Canadian Falls                              |                                   |                                      |
| 20 Post-Office                         |  |                                   |                                      |
| 21 Gathering Maple Sap                 |  |                                   |                                      |



## NEW YORK TO THE WHITE MOUNTAINS.

With Reading.

- |   |  |   |
|---|--|---|
| 1 New York Central Station                        | 24 Boston State House                          | 46 Portland Harbor                                      |
| 2 Newhaven, Yale College                          | 25 Boston, Old South Church                    | 47 Portland City Hall                                   |
| 3 Newhaven, Yale College Art Museum               | 26 Boston Custom House                         | 48 Portland. View from Observatory                      |
| 4 Newhaven, Peabody Museum                        | 27 Boston Post Office                          | 49 White Mountains, Trestle Bridge, Notch Valley        |
| 5 Newhaven, Centre Church and Avenue              | 28 Boston City Hall                            | 50 White Mountains, Buck-board Carriage                 |
| 6 Hartford, State House                           | 29 Boston, Quincy Market                       | 51 White Mountains, Littleton and Mount Lafayette       |
| 7 Hartford, Old State House and City Hall         | 30 Boston, Scollay Square                      | 52 White Mountains, Echo Lake                           |
| 8 Hartford, Connecticut Mutual Insurance Building | 31 Boston, the Mall, Tremont Street            | 53 White Mountains, Profile House                       |
| 9 Hartford, Mrs. Colt's Residence                 | 32 Boston, Washington Street                   | 54 White Mountains, Profile Rock                        |
| 10 Hartford, Mark Twain's Residence               | 33 Boston, Tremont Street and Mall             | 55 White Mountains, Flume Pool.                         |
| 11 Worcester, Main Street                         | 34 Boston, Commonwealth Avenue                 | 56 White Mountains, the Flume                           |
| 12 Worcester, Bigelow and Soldiers' Monuments     | 35 Boston, Latin Schools                       | 57 White Mountains, the Débris washed through the Flume |
| 13 Boston, Panorama 1                             | 36 Boston, Latin School Volunteer Parade       | 58 White Mountains, Mount Washington Railroad           |
| 14 Boston, Panorama 2                             | 37 Boston, City Hospital                       | 59 White Mountains, Mount Washington Summit, Summer     |
| 15 Boston, Panorama 3                             | 38 Cambridge, Harvard University               | 60 White Mountains, Mount Washington Summit, Winter     |
| 16 Boston, Panorama 4                             | 39 Cambridge, Harvard University Memorial Hall |   |
| 17 Boston, Panorama 5                             | 40 Cambridge, Seavers Hall, Harvard University |   |
| 18 Boston, Old State House                        | 41 Cambridge, University Soldiers' Memorial    |   |
| 19 Boston, Old State House                        | 42 Cambridge, Washington Tree                  |   |
| 20 Boston, Bunker's Hill Monument                 | 43 Cambridge, Longfellow's House               |   |
| 21 Boston, Faneuil Hall                           | 44 Cambridge, Russell Lowell's House           |   |
| 22 Boston, Christ Church Tower                    | 45 Peabody's Tomb, Harmony Grove Cemetery      |   |
| 23 Boston, Franklin Monument and Old King Chapel  |  |   |

## ENGLAND.

### A TRIP TO LONDON.

With Reading.

- |   |   |  |
|---|---|--|
| 1 St. Paul's Cathedral from the River Thames    | 20 The Houses of Parliament from the Thames                 | 33 Henry VII Chapel, Interior                |
| 2 St. Paul's Cathedral from Ludgate Hill        | 21 The Houses of Parliament looking to Westminster Bridge   | 34 Henry VII Chapel, Roof                    |
| 3 St. Paul's Cathedral Nave, looking East       | 22 The Houses of Parliament from below Westminster Bridge   | 35 Government Offices, from St. James's Park |
| 4 St. Paul's Cathedral Choir                    | 23 The House of Lords                                       | 36 The Horse Guards                          |
| 5 St. Paul's Cathedral Crypt                    | 24 The House of Commons                                     | 37 The National Gallery                      |
| 6 The General Post Office, St. Martins-le-grand | 25 Westminster Hall   | 38 Trafalgar Square from National Gallery    |
| 7 Cheapside                                     | 26 Westminster Abbey  | 39 Seven Dials                               |
| 8 The Guildhall                                 | 27 Westminster Abbey, West Front                            | 40 The New Law Courts                        |
| 9 The Mansion House                             | 28 Westminster Abbey, Nave                                  | 41 Ludgate Circus                            |
| 10 The Bank of England                          | 29 Westminster Abbey, the Choir                             | 42 Holburn Circus                            |
| 11 The Royal Exchange                           | 30 Westminster Abbey, Coronation Chair and Stone of Destiny | 43 Staples' Inn                              |
| 12 The London Monument                          | 31 Westminster Abbey, Poets' Corner                         | 44 Regent Street                             |
| 13 London Bridge                                | 32 Henry VII Chapel, Westminster                            | 45 Piccadilly Circus                         |
| 14 The Pool                                     |   | 46 Burlington House and Piccadilly           |
| 15 The Tower of London from the River           |   | 47 St. George's, Hanover Square              |
| 16 The Tower of London                          |   | 48 Buckingham Palace                         |
| 17 The Thames Embankment                        |   | 49 Rotten Row                                |
| 18 St. Thomas's Hospital                        |   | 50 The Albert Memorial                       |
| 19 Lambeth Palace                               |   |  |



## A WALK IN THE "ZOO."

With Reading. By H. Gore, C. E.

- |                                  |                             |                                       |
|----------------------------------|-----------------------------|---------------------------------------|
| Plan of the Garden               | 16 The Wart Hog             | 33 Brahmin Bull                       |
| 1 American Black Bear            | 17 West African River Hog   | 34 Wolves                             |
| 2 The Syrian Bear                | 18 Collared Peccary         | 35 White or Common Pelican            |
| 3 The Polar Bear                 | 19 Sea Bear                 | 36 Lima                               |
| 4 Dromedary, or one-humped Camel | 20 Leucoryx                 | 37 Boa Constrictor                    |
| 5 Bactrian, or two-humped Camel  | 21 The Roba or Sing-Sing    | 38 Great Kangaroo                     |
| 6 Babylonian or Asiatic Lion     | 22 Burchell's Zebra         | 39 The Markhor, or Wild Mountain Boar |
| 7 African Lioness                | 23 Quagga                   | 40 Indian Elephant                    |
| 8 The Royal Tiger                | 24 Wild Ass of Abyssinia    | 41 African Elephant                   |
| 9 Chimpanzee                     | 25 Syrian Wild Ass          | 42 Indian Rhinoceros                  |
| 10 Smoking Monkey                | 26 Rhea or American Ostrich | 43 Sumatran Rhinoceros                |
| 11 Gibbon                        | 27 Emeu                     | 44 Hippopotamus                       |
| 12 The Marabout Stork            | 28 Wapiti Deer              | 45 Giraffe                            |
| 14 The Cassabara                 | 29 Gayal                    | 46 The Eland, or Camea                |
| 15 Wild Boar                     | 30 Indian Buffalo           | 47 The Apteryx                        |
|                                  | 31 Cape Buffalo             | 48 Whit-Monday at the "Zoo."          |
|                                  | 32 Zebu                     |                                       |

## A TRIP DOWN THE RIVER WYE.

With Reading.

- |  |   |   |
|--|---|---|
| 1 Hereford Bridge and the Wye                | 13 Whitechurch and the Wye                | 25 Village of Llandogo                    |
| 2 Hereford Cathedral—exterior                | 14 Symond's Yat, from the Wye             | 26 Village of Tintern                     |
| 3 Hereford Cathedral—interior                | 15 Little Doward Hill, Symond's Yat       | 27 Road in Tintern Village                |
| 4 The Wye, at Holme Lacy                     | 16 Symond's Yat, from the Railway         | 28 Tintern Abbey—exterior, from Southwest |
| 5 Old Market House, Ross                     | 17 Buckstone Rock, near Monmouth          | 29 Tintern Abbey—interior of Transept     |
| 6 Ross—Broad Street                          | 18 Monmouth—general view                  | 30 Tintern Abbey—interior, looking East   |
| 7 Wilton Castle, from the River Wye          | 19 Monnow Street, Monmouth                | 31 Tintern Abbey—the West Window          |
| 8 Goodrich Castle—exterior                   | 20 Raglan Castle—the Entrance             | 32 Road under the Wyndcliff, Tintern      |
| 9 Goodrich Castle—Remains of Banqueting Hall | 21 Raglan Castle and the Moat             | 33 The Wye, from the Wyndcliff            |
| 10 The Wye, at Walford and Kerne Bridge      | 22 Raglan Castle, showing Bridge and Moat | 34 Chepstow Castle, from the Bridge       |
| 11 The Wye, at Lydbrook                      | 23 Interior of Courtyard, Raglan Castle   | 35 Chepstow Bridge                        |
| 12 Lydbrook—the Railway Viaduct              | 24 Bigswear Bridge, over the Wye          | 36 Chepstow—general view                  |

## ENGLISH RIVER SCENERY.

With Reading.

- |                                     |  |                                    |
|-------------------------------------|--|------------------------------------|
| 1 Thames at London Bridge           | 19 View at Lydford Bridge              | 36 Worcester, from the Severn      |
| 2 The Pool below London Bridge      | 20 Lynnmouth, from the Bridge          | 37 Knaresboro and River Nidd       |
| 3 Greenwich, from the River         | 21 East Lyn at Watersmeet              | 38 The Dropping Well, Knaresboro   |
| 4 St. Thomas's Hospital, Lambeth    | 22 The Mouth of the Lyn                | 39 Dropping Well and Petrefactions |
| 5 Moulsey Weir, Hampton             | 23 The Avon, from Clifton Downs        | 40 The River Nidd and Abbey Road   |
| 6 Thames, near Pangbourn            | 24 Clifton Suspension Bridge           | 41 River Ure at Aysgarth           |
| 7 View at Chyvedon                  | 25 Tintern Abbey, River Wye            | 42 Aysgarth—the Lower Falls        |
| 8 Ifley Mill, near Oxford           | 26 The Wye at Tintern Parva            | 43 Aysgarth—the Upper Falls        |
| 9 Nuneham Bridge, near Oxford       | 27 Tintern Village                     | 44 The Wharf—Bolton Woods          |
| 10 Cattle by the River              | 28 The Wye, from Wyndcliff Road        | 45 The Strid—Bolton Woods          |
| 11 River Fall, near Truro           | 29 The Wye at Symond's Yat             | 46 Stepping-stones on the Wharf    |
| 12 Collecting oak bark in the woods | 30 Warwick Castle, from the River      | 47 Rydal Beck Waterfall            |
| 13 Truro River, from the Hills      | 31 Memorial Theatre, Stratford-on-Avon | 48 Old Brathay Bridge              |
| 14 Flushing, near Falmouth          | 32 The Derwent at Matlock              | 49 Rustic Bridge over the Brathay  |
| 15 River at Portresco, Cornwall     | 33 River at High Tor, Matlock          | 50 Allington Castle on the Medway  |
| 16 Dartmouth                        | 34 Dovedale—View in the Dale           |                                    |
| 17 The Mouth of the Dart            | 35 Dovedale, from the Heights          |                                    |
| 18 Old Lighthouse on the Dart       |  |                                    |



## TRIP THROUGH YORKSHIRE.

With Reading.

- |                                       |   |                                       |
|---------------------------------------|---|---------------------------------------|
| 1 York, from Station Hotel            | 19 The Spa, Scarborough, at noon          | 38 Staithes                           |
| 2 York Minster, from S. W             | 20 "Children's Corner," Scarborough Sands | 39 Fishing Boats at Staithes          |
| 3 York Minster, from N. E             | 21 Valley Park, Scarborough               | 40 Rievaulx Abbey                     |
| 4 York Minster, Nave                  | 22 Foreshore Road, Scarborough            | 41 Rievaulx Abbey, Nave               |
| 5 York Minster Choir                  | 23 The Keep, Scarborough Castle.          | 42 Bolton Priory                      |
| 6 St. Mary's Abbey, York              | 24 North Bay, Scarborough                 | 43 Bolton Priory, Nave                |
| 7 The Multangular Tower, York         | 25 Hayburn Wyke                           | 44 Bolton Priory, Choir               |
| 8 Mickelgate Bar, York                | 26 Whitby, from the Station               | 45 Bolton Hall                        |
| 9 Ripon Cathedral, from S. E          | 27 Whitby, from Larpool                   | 46 Lord Fredk. Cavendish's Monument   |
| 10 Ripon Cathedral, West Front        | 28 "A Good Catch," Whitby                 | 47 Stepping-stones on the Wharfe      |
| 11 Ripon Cathedral, Nave              | 29 The Piers, Whitby                      | 48 The Strid, on the Wharfe           |
| 12 Ripon Cathedral, Choir             | 30 A Shipwreck, Whitby                    | 49 On the Wharfe                      |
| 13 Fountains Abbey, from the Surprise | 31 Whitby Abbey, from S. E                | 50 Kirkstall Abbey                    |
| 14 Fountains Abbey, from W            | 32 The Scaur, Whitby                      | 51 Kirkstall Nave                     |
| 15 Fountains Abbey, Nave              | 33 Robin Hood's Bay.                      | 52 St. George's Church, Doncaster     |
| 16 Fountains Abbey, Cloisters         | 34 Rigg Mill, near Whitby                 | 53 St. George's Church, Forman Chapel |
| 17 Fountains Hall                     | 35 On the Esk, near Whitby                | 54 Market Place, Doncaster            |
| 18 Scarborough, from Spa Grounds      | 36 Beggar's Bridge, Glaisdale             | 55 Conisborough Castle                |
|                                       | 37 Runswick                               | 56 Roche Abbey                        |

## ISLE OF WIGHT.

With Reading.

- |  |                                       |  |
|--|---------------------------------------|--|
| 1 Ryde, from the Pier                                  | 26 Ventnor, "Crab and Lobster Inn"    | 46 Alum Bay, from the West                 |
| 2 Ryde, the Esplanade                                  | 27 City Missionary Home Ventnor       | 47 Alum Bay and Pier                       |
| 3 Union Street, Ryde                                   | 28 Royal Cottage Hospital, Ventnor    | 48 Yarmouth, from the Bridge               |
| 4 Wooton Bridge and Village                            | 29 Steephill Castle, near Ventnor     | 49 Yarmouth—the High Street                |
| 5 Wooton Bridge  | 30 Steephill Bay, near Ventnor        | 50 Newport—general view                    |
| 6 Brading Church                                       | 31 St. Lawrence Church                | 51 Newport—the High Street                 |
| 7 Tomb of Little Jane, Brading                         | 32 Road at Niton                      | 52 Carisbrook Village                      |
| 8 Little Jane's Cottage, Brading                       | 33 View from Cripple Path, Niton      | 53 Carisbrook Village from the Brook       |
| 9 Sandown Bay  | 34 St. Catherine's Lighthouse         | 54 Carisbrook Castle—general view          |
| 10 Shanklin Beach                                      | 35 Blackgang—the Upper Chine          | 55 Carisbrook Castle—the Front Towers      |
| 11 Shanklin Chine—general view                         | 36 Blackgang, from the Beach          | 56 Carisbrook Castle—King Charles' Window  |
| 12 Shanklin Chine—the Waterfall                        | 37 Freshwater Bay, looking West       | 57 Arreton Church, Isle of Wight           |
| 13 Shanklin Chine—Bridge in View across Shanklin Chine | 38 Freshwater Bay, looking East       | 58 Tomb of Dairyman's Daughter, Arreton    |
| 14 Shanklin Village                                    | 39 Arched Rock, Freshwater Bay        | 59 Cottage of Dairyman's Daughter, Arreton |
| 15 Luccombe Chine                                      | 40 Cave at Freshwater Bay             | 60 Whippingham Church                      |
| 16 Luccombe Chine—the Waterfall                        | 41 Watcombe Bay, Freshwater           | 61 Osborne House, from the Northwest       |
| 17 Landslip, Bonchurch                                 | 42 Tennyson's House, Freshwater       | 62 Osborne House—the Terraces              |
| 18 Bonchurch Old Church                                | 43 The Needles, from Scratchell's Bay | 63 Osborne House, from the Upper Terrace   |
| 19 Tomb of Shadow of the Cross, Bonchurch              | 44 Scratchell's Bay, Isle of Wight    | 64 Osborne House, from the Lower Terrace   |
| 20 Bonchurch Road                                      | 45 The Needles, Rocks, and Lighthouse | 65 East Cowes and Harbor                   |
| 21 Bonchurch Pond and Village                          |                                       | 66 West Cowes, from the Pier               |
| 22 Bonchurch Pond and Village                          |                                       | 67 Study of Ferns and Flowers              |



## A TOUR THROUGH CORNWALL.

With Reading.

- |  |  |   |
|--|--|---|
| 1 Saltash and the Royal Albert Bridge        | 18 Road in the Woods, near Treliissick     | 36 St. Ives, from the Terraces            |
| 2 The Cheesewring, near Liskeard             | 19 Pond up the Channel Creek               | 37 Potato Field (Tealing tatters)         |
| 3 Launceston—General View                    | 20 Falmouth, from Pendennis                | 38 Trelyn Castle Headland                 |
| 4 Launceston Church                          | 21 Falmouth—Market Street                  | 39 The Loggan Rock, near Land's End       |
| 5 Boscastle—The Harbor, etc.                 | 22 St. Maw's Village                       | 40 Armed Knight and Longships, Land's End |
| 6 Pentargon Waterfall, near Boscastle        | 23 Flushing—from Falmouth                  | 41 The Land's End                         |
| 7 Tintagel Cliffs and Castle                 | 24 Penryn, from the Hills                  | 42 Newlyn—View in the Harbor              |
| 8 Tintagel—Walls of King Arthur's Castle     | 25 Lizard Rocks and Light-house            | 43 Newlyn Beach and Penzance              |
| 9 Trevena—The Old Post-Office                | 26 Cadgwith Village and Beach              | 44 Mousehole Village and Harbor.          |
| 10 Bedruthen Steps—General View              | 27 Devil's Fryng Pan—Cadgwith              | 45 St. Mary's Town, Scilly Isles          |
| 11 Newquay—The Sands, etc.                   | 28 Kynance Cove, from the West             | 46 Tresco Abbey—Cactus and Palm Grove     |
| 12 Truro, from the College Grounds           | 29 Kynance Cove, from the East             | 47 Palms in the Long Walk, Tresco         |
| 13 Malpas Roads—Truro River                  | 30 St. Michael's Mount                     | 48 The Old Abbey Ruins, Tresco            |
| 14 St. Clement's Creek, from Malpas          | 31 Market, Jew Street, Penzance            | 49 Tresco Gardens, from the Terrace       |
| 15 King Harry Village and Ferry              | 32 Penzance Esplanade                      | 50 Wrecked Steamer on St. Agnes Island    |
| 16 King Harry Ferry                          | 33 Bleu Bridge and Inscribed Stone, Gul'va |   |
| 17 Tregothnan View, from Treliissick Grounds | 34 Men-an-tol (Cromlech)                   |   |
|  | 35 View from Rosewall Hill, near St. Ives  |   |

## GERMANY.

With Reading.

- |   |                                      |  |
|---|--------------------------------------|--|
| 1 Weisbaden—Wilhelm Strasse               | 16 Leipsic—Old Market Place          | 34 Berlin—Kaiser Wilhelm Strasse       |
| 2 Weisbaden—The Cursall and Gardens       | 17 Leipsic—Brühl Strasse             | 35 Berlin—The National Gallery         |
| 3 Frankfort on the Maine                  | 18 Dresden—Old Market and Church     | 36 Berlin—The Exchange                 |
| 4 Eisenach—Entrance Gateway               | 19 Dresden—Schloss Strasse           | 37 Berlin Cathedral                    |
| 5 Eisenach—The Market Place               | 20 Dresden—The Court Church          | 38 Berlin—Theatre and Schiller's Platz |
| 6 Eisenach—Luther House                   | 21 Dresden—The Hof Theatre           | 39 Charlottenburg—The Royal Palace     |
| 7 Wartburg Castle, Eisenach               | 22 Dresden—View up the Elbe          | 40 Potsdam—General View                |
| 8 Wartburg Castle—The Ritter House        | 23 Dresden—Augustus Bridge, etc.     | 41 Sans-souci—Palace and Park          |
| 9 Gotha—The Town Hall and Market          | 24 Dresden—Haupt Strasse from Bridge | 42 Potsdam—The New Palace              |
| 10 Erfurt—The Cathedral                   | 25 Wehlen—Village on the Elbe        | 43 Halberstadt—Curious old houses      |
| 11 Weimar—Goethe-Schiller Monument        | 26 Basteri Rocks, near Wehlen        | 44 Harzburgh from the East             |
| 12 Halle—The Town Hall and Statue         | 27 Berlin—Frederic Street            | 45 Harzburgh and the Burgberg          |
| 13 Halle—Handel's Birthplace              | 28 Berlin—Leipziger Strasse          | 46 The Brocken—Distant view            |
| 14 Leipsic—Augustus Platz and Post Office | 29 Berlin—Unter den Linden           | 47 Goslar—General view                 |
| 15 Leipsic—Monumental Fountain            | 30 Berlin—Palace of William I        | 48 Goslar—The Keiserworth and Market   |
|   | 31 Berlin—Church of St. Hedwig       | 49 Cassel—The War Monument             |
|   | 32 Berlin—The Hall of Fame           | 50 Cologne Cathedral—Interior          |
|   | 33 Berlin—Royal Palace and Bridge    |  |



**WINDSOR CASTLE.**

With Reading.

- |   |  |  |
|---|--|--|
| 1 General Ground Plan of the Castle                 | 14 Home Park                                     | 28 The Green Drawing-Room                        |
| 2 Windsor Castle, from Northwest                    | 15 The Presence Chamber                          | 29 The White Drawing-Room                        |
| 3 Gateway of Henry VIII                             | 16 The Vandyke Room                              | 30 The Quadrangle                                |
| 4 The Horseshoe Cloisters                           | 17 The Rubens Room                               | 31 The South Front of Upper Ward                 |
| 5 St. George's Chapel, South Front                  | 18 The Waterloo Chamber                          | 32 The Long Walk, from Snow Hill                 |
| 6 Nave, looking East                                | 19 The Throne Room                               | 33 Snow Hill                                     |
| 7 Choir, looking West                               | 20 The Grand Reception Room                      | 34 Virginia Water                                |
| 8 Choir Stalls and Royal Pew                        | 21 St. George's Hall                             | 35 Ruins at Virginia Water                       |
| 9 Interior of Albert Memorial Chapel, looking East  | 22 The East Terrace                              | 36 Royal Mausoleum, Frogmore                     |
| 10 Interior of Albert Memorial Chapel, looking West | 23 The Corridor                                  | 37 The Interior of the Royal Mausoleum, Frogmore |
| 11 The Round Tower                                  | 24 The Corridor                                  | 38 Duchess of Kent's Mausoleum                   |
| 12 The Norman Gate                                  | 25 "Allured to Brighter Worlds and Led the Way." | 39 Clewer Parish Church                          |
| 13 Upper Ward, from the                             | 26 The Dining-Room                               | 40 Eton College                                  |
|   | 27 The Crimson Drawing-Room                      |  |

**A TRIP TO BRIGHTON.**

With Reading.

- |   |   |   |
|---|---|---|
| 1 Queen's Road and Railway Station        | 14 New Shelter Hall, Orleans Club-House | 28 The Sea Wall, from the Madeira Road  |
| 2 West Street and St. Paul's Church       | 15 The Beach and Coastguard Station     | 29 Brighton, from the Marine Parade     |
| 3 The King's Road, looking East           | 16 The Yacht "Skylark" ready to start   | 30 Marine Parade, Kemp Town             |
| 4 The Grand Hotel                         | 17 The Yacht off for a Sail             | 31 Aquarium, etc., from the East        |
| 5 Regency Square                          | 18 Fish Market on the Beach             | 32 Brighton Town Hall                   |
| 6 The West Pier                           | 19 The King's Road                      | 33 The Old Steyne Gardens, general view |
| 7 Brighton from the West Pier             | 20 The Old Ship Inn                     | 34 The Victoria Fountain, Old Steyne    |
| 8 Beach and West Brighton from the Pier   | 21 The Aquarium Clock Tower             | 35 The Old Steyne, from the East        |
| 9 Norfolk Hotel and King's Road, Hove     | 22 Marine Parade from Aquarium End      | 36 Royal Pavilion, West Entrance        |
| 10 Hove New Town Hall                     | 23 East Brighton, from the Sea          | 37 Royal Pavilion, from the East Lawn   |
| 11 Brighton and Esplanade from Band Stand | 24 Children on the Aquarium Beach       | 38 The Dome Assembly Rooms              |
| 12 The Beach at the West Pier             | 25 The Chain Pier                       | 39 The Devil's Dyke                     |
| 13 West Street, from the King's Road      | 26 The Chain Pier from the Pier Head    | 40 Swiss Gardens, Shoreham              |
|   | 27 Beach and Sea Wall, from the Pier    |   |

**A TOUR THROUGH NORTH WALES.**

With Reading.

- |   |  |                                     |
|---|--|-------------------------------------|
| 1 Llandudno, from the Great Orme's Head | 9 Fairy Glen, Bettws-y-Coed            | 17 Waterfalls of the Ogwen          |
| 2 Llandudno—Beach and Pier              | 10 Conway Falls and Salmon Ladder      | 18 Penrhyn Slate Quarries           |
| 3 Mostyn Street, Llandudno              | 11 Stepping-stones, near Bettws-y-Coed | 19 Bangor—general view              |
| 4 Conway Castle and Suspension Bridge   | 12 Miners' Bridge over the Llugy       | 20 Bangor Cathedral—interior        |
| 5 Banqueting Hall, Conway Castle        | 13 The Swallow Waterfall.              | 21 Waterfall near Aber              |
| 6 Llanrwst Bridge                       | 14 Moel Siabod, from near Capul Curig  | 22 Beaumaris Castle—the entrance    |
| 7 Valley at Bettws-y-Coed.              | 15 Snowdon, from Capul Curig Lakes     | 23 Menai Suspension Bridge          |
| 8 Bettws-y-Coed, from the Bridge        | 16 Ogwen Lake                          | 24 Carnarvon Castle, from the Ferry |
|   |  | 25 Carnarvon Castle—interior        |
|   |  | 26 Llanberis Waterfall              |
|   |  | 27 Llanberis Church in the Pass     |



- |   |  |  |
|---|--|--|
| 28 Llanberis Pass—Lakes in the distance | 35 In the Pass of Aberglaslyn          | 44 Dolgelly and Cader Idris                  |
| 29 Llanberis Pass, from Pont-y-Cromlech | 36 Pass of Aberglasyn, from the bridge | 45 Bala Lake                                 |
| 30 Summit of Snowdon                    | 37 Pont Aberglaslyn                    | 46 Llangollen Bridge                         |
| 31 View at Nant Mill, near Carnarvon    | 38 Tan-y-Bwlch, with Lake              | 47 River Dee and Barber's Hill, Llangollen   |
| 32 Lake Cwellyn and Crag Cwm Bychan     | 39 Harlech Castle, from the Meadows    | 48 Llangollen and Valley, from Barber's Hill |
| 33 Beddgelert Bridge                    | 40 Barmouth from the Shore             | 49 Valle Crucis Abbey—exterior               |
| 34 Old Mill and Bridge, Beddgelert      | 41 Barmouth, from the Jetty            | 50 Ruabon—Village and Church                 |
|   | 42 Dolgelly Bridge                     |  |
|   | 43 Torrent Walk, Dolgelly              |  |

## A HOLIDAY GLANCE AT THE SOUTH COAST.

With Reading.

- |   |   |                                    |
|---|---|------------------------------------|
| 1 Curtain with Title                          | 19 Hurstmonceux Castle                  | 37 Bognor—from the Pier            |
| 2 Victoria Station—Interior                   | 20 Seaford—from the Beach               | 38 Chichester Cathedral            |
| 3 Clapham Junction Station                    | 21 Brighton                             | 39 Havant—from the Railway         |
| 4 Hayward's Heath                             | 22 Brighton—the Esplanade               | 40 Hayling—the Beach, Hotel, etc.  |
| 5 Lewes—the High Street, etc.                 | 23 Brighton Pavilion                    | 41 Portsmouth—the "Hard"           |
| 6 Hastings—the Beach, etc.                    | 24 Brighton Chain Pier                  | 42 Portsmouth Harbor—the "Victory" |
| 7 Hastings Castle                             | 25 Brighton—the Grand Hotel             | 43 Portsmouth Dockyard             |
| 8 Hastings—the Pier and Town from Castle Hill | 26 The Devil's Dyke—view from           | 44 Southsea—from Portsmouth        |
| 9 Fairlight Glen                              | 27 The Grand Aquarium—exterior          | 45 Ryde—Pier, etc.                 |
| 10 Bodiam Castle                              | 28 Shoreham—from the Ferry              | 46 Brading Church                  |
| 11 St. Leonard's                              | 29 Worthing—the Esplanade               | 47 Sandown Bay                     |
| 12 Bexhill—near Hastings                      | 30 Bramber Castle                       | 48 Shanklin Beach                  |
| 13 Pevensey Castle                            | 31 Littlehampton—Church and High Street | 49 Ventnor—from Cliff Path         |
| 14 Battle Village                             | 32 Arundel—general view                 | 50 Newport—general view            |
| 15 Battle Abbey                               | 33 Arundel Castle—the Keep              | 51 Cowes—East, and Harbor          |
| 16 Eastbourne—from the West                   | 34 Black Rabbit Inn                     | 52 Osborne House                   |
| 17 Eastbourne—general view                    | 35 Amberley Village                     | 53 Pullborough—from the Railway    |
| 18 Beechy Head—from the Beach                 | 36 Amberley Castle                      | 54 Box Hill                        |

## A VISIT TO THE BRITISH MUSEUM.

With Reading.

- |   |   |  |
|---|---|--|
| 1 British Museum                          | 19 Hellenic Room, North side                          | 37 Northern Zoological Gallery                 |
| 2 Southern Egyptian Room                  | 20 Mausoleum Room                                     | British Room                                   |
| 3 Northern Egyptian Room                  | 21 Lycian Room  | 38 Northern Zoological Gallery, Fourth Room    |
| 4 Black Granite Statue of Pasht           | 22 Greco-Roman Basement Room                          | 39 Shark                                       |
| 5 Head of Rameses II                      | 23 Venus Aphrodite                                    | 40 First Geological Room, Coal specimens, etc. |
| 6 Granite Head of Thothmes III            | 24 Discobolus   | 41 Second Geological Room, Fishes, etc.        |
| 7 Basalt Sarcophagus                      | 25 Towneley Venus                                     | 42 Third Geological Room, Saurians, etc.       |
| 8 First Egyptian Room                     | 26 Clytie   | 43 Fourth Geological Room, Saurians, etc.      |
| 9 Case of Mummies                         | 27 Muse Thalia  | 44 Fifth Geological Room, Irish Deer, etc.     |
| 10 Slade collection of Glass              | 28 Apotheosis of Homer                                | 45 Sixth Geological Room, Megatherium          |
| 11 Konyunjik Gallery                      | 29 Mithraic Group                                     | 46 Sixth Geological Room, Mastodon             |
| 12 Assyrian Bas-reliefs—Capture of a City | 30 Head of Julius Cæsar                               | 47 Italian Majolica                            |
| 13 Assyrian Bas-reliefs—Lion Hunt         | 31 Roman Gallery, general view                        | 48 Ethnographical Room, Arctic collection      |
| 14 Obelisk from Nimroud                   | 32 Southern Zoological Gallery                        | 49 Royal Library                               |
| 15 Winged human-headed Lion               | 33 Mammalia Saloon                                    | 50 Reading-Room                                |
| 16 Winged human-headed Bull               | 34 Eastern Zoological Gallery, Swans and Ducks        |  |
| 17 Elgin Room                             | 35 Eastern Zoological Gallery, Great Bird of Paradise |  |
| 18 Hellenic Room, South side              | 36 Northern Zoological Gallery, Second Room           |  |



## IRELAND.

## DUBLIN, WICKLOW, KILLARNEY, ETC. No. 1.

With Reading.

- |  |  |   |
|--|--|---|
| 1 Kingstown Harbor, arrival of Mail Steamer                                      | 21 Enniskarry, Co. Wicklow   | 40 Queenstown Harbor, showing Haulbowline and Spike Islands |
| 2 An Irish Jaunting Car  | 22 Powerscourt Waterfall, Co. Wicklow  | 41 Sir Walter Raleigh's House, Youghal                      |
| 3 Sackville Street, Dublin (instantaneous)                                       | 23 Powerscourt House, Co. Wicklow  | 42 Blarney Castle, Co. Cork                                 |
| 4 General Post-Office and Nelson's Pillar  | 24 The Vale of Clara, Co. Wicklow  | 43 Glengariff Harbor, Bantry Bay                            |
| 5 Grafton Street (instantaneous), Dublin   | 25 The Valley of Glendalough, and the ruins of the Seven Churches, Co. Wicklow | 44 Cromwell's Bridge, Glengariff                            |
| 6 Bank of Ireland, Old Houses of Parliament, and Statue of Henry Grattan, Dublin | 26 The Vale of Ovoca, Co. Wicklow  | 45 Glengariff Waterfall                                     |
| 7 Trinity College, Dublin  | 27 The Lion Arch, Castle Howard, Vale of Ovoca, Co. Wicklow                    | 46 General View, Lakes of Killarney                         |
| 8 St. Patrick's Cathedral, Dublin  | 28 Johnstown Castle, the Seat of the Earl of Granard                           | 47 The Upper Lake, Killarney                                |
| 9 St. Patrick's Cathedral, the Choir, Dublin                                     | 29 Kilkenny, bird's-eye view   | 48 The Eagle's Nest Mountain, Killarney                     |
| 10 Christ Church Cathedral, Dublin   | 30 Kilkenny, the seat of the Marquis of Ormonde                                | 49 The Old Wier Bridge, Shooting the Rapids, Killarney      |
| 11 The Four Courts, Dublin   | 31 Jerpoint Abbey, Co. Kilkenny  | 50 The Middle Lake, from Dinis Island, Killarney            |
| 12 The Custom House, Dublin  | 32 Lismore Castle, Co. Waterford   | 51 The Colleen Bawn Cave, Middle Lake, Killarney            |
| 13 O'Connell's Monument, Glasnevin Cemetery, Dublin                              | 33 Ruins on the Rock of Cashel, Co. Tipperary                                  | 52 Muckross Abbey, Killarney                                |
| 14 The Vice-Regal Lodge, Phoenix Park, Dublin                                    | 34 Holycross Abbey, Co. Tipperary  | 53 Interior of Muckross Abbey, Killarney                    |
| 15 Killiney, and the Vale of Shauganagh, Co. Dublin                              | 35 Patrick Street, Cork  | 54 Glenna Bay, Killarney                                    |
| 16 Bray, and Bray Head, Co. Wicklow  | 36 Patrick's Bridge, showing Father Matthew's Statue                           | 55 O'Sullivan's Cascade, Killarney                          |
| 17 The Scalp, Co. Wicklow  | 37 St. Finn-Barr's Cathedral, Cork   | 56 Briceen Bridge, Killarney                                |
| 18 Cottage in the Dargle (summer), Co. Wicklow                                   | 38 Shandon Steeple, Cork   | 57 The Meeting of the Waters, Killarney                     |
| 19 Cottage in the Dargle (winter), Co. Wicklow                                   | 39 The Mardyke Walk, Cork  | 58 Ross Castle, Killarney                                   |
| 20 The Dargle, Co. Wicklow   |  | 59 Derryunnihy Cottage and Waterfall, Killarney             |
|  |  | 60 The Gap of Dunloe, Killarney                             |

## NORTH AND WEST. No. 2.

With Reading.

- |   |   |  |
|---|---|--|
| 1 The Boyne Viaduct at Drogheda, Co. Louth                  | 18 The Causeway Gate  | 35 Dugort, Achill, and Slieve Mor Mountains              |
| 2 Ancient Cross and Round Tower at Monasterboice, Co. Louth | 19 The Giant's Well   | 36 Sunset on Achill Sound                                |
| 3 Warrenpoint, Co. Down                                     | 20 Dunluce Castle   | 37 Rosserk Abbey, Co. Mayo                               |
| 4 Rosstrevor Quay and Mourne Hotel, Co. Down                | 21 Londonderry, Lough Foyle   | 38 Cong Abbey, Co. Galway                                |
| 5 Carlingford Lough, Co. Down                               | 22 The Cathedral, Londonderry   | 39 The Fish Market, Galway                               |
| 6 Armagh, showing Cathedral                                 | 23 Walker's Monument, Londonderry                                       | 40 The Cliffs of Moher, Co. Clare                        |
| 7 Donegal Place, Belfast                                    | 24 Bishop's Gate, Londonderry   | 41 The Spa Well, Lisdoonvarna, Co. Clare                 |
| 8 The Albert Memorial, Belfast                              | 25 Horn Head, Donegal   | 42 The Spectacle Bridge, Lisdoonvarna, Co. Clare         |
| 9 The Queen's College, Belfast                              | 26 Errigal Mountain, Donegal  | 43 Kilkee, Co. Clare                                     |
| 10 Shane's Castle, Antrim                                   | 27 Ruins on Devenish Island, Lough Erne, Co. Fermanagh                  | 44 The Natural Bridges of Ross, Co. Clare                |
| 11 Garron Tower, the seat of the Marchioness of Londonderry | 28 Holy Well of Tubbernaltha, near Sligo                                | 45 Killaloe, on the Shannon, Co. Limerick                |
| 12 The Rope Bridge, Carrickarede, Co. Antrim                | 29 Glencar Waterfall, near Sligo  | 46 Rapids of the Shannon at Castle Connell, Co. Limerick |
| 13 General View of the Great Causeway, Giant's Causeway     | 30 Boyle Abbey, Co. Roscommon   | 47 Askeaton Abbey, "the Nave," Co. Limerick              |
| 14 Lord Antrim's Parlor                                     | 31 Kylesmore Castle, the seat of Mitchell Henry, Esq., M. P., Connemara | 48 Georges' Street, Limerick                             |
| 15 The Honeycomb  | 32 Kylesmore Lake, Connemara  | 49 King John's Castle, and Shomond Bridge, Limerick      |
| 16 The Wishing Chair  | 33 Ballinahinch and Lake, Connemara                                     | 50 The Treaty-Stone, Limerick                            |
| 17 The Ladies' Fan  | 34 The Killarney Bay, Connemara   |  |



## SCOTLAND.

## EDINBURGH.

With Reading.

- |  |  |                                   |
|--|--|-----------------------------------|
| 1 Edinburgh from St. Anthony's Chapel        | 15 Castle and National Galleries from Scott's Monument | 29 Old Houses in High Street      |
| 2 Holyrood Palace, Front                     | 16 West Princes Street from Scott's Monument           | 30 St. Giles' Cathedral, Exterior |
| 3 Holyrood Palace, Queen Mary's Bedroom      | 17 West Princes Street from the Mound                  | 31 St. Giles' Cathedral, Interior |
| 4 Holyrood Chapel                            | 18 Castle Rock from West Princes Street                | 32 Market Cross                   |
| 5 Holyrood Chapel, Interior                  | 19 Prince Consort's Memorial                           | 33 Old Parliament House           |
| 6 Calton Hill                                | 20 St. Mary's Cathedral, Exterior                      | 34 Royal Infirmary                |
| 7 Holyrood Palace and Arthur's Seat          | 21 St. Mary's Cathedral, Nave                          | 35 New Medical Class Rooms        |
| 8 Burns' Monument                            | 22 Edinburgh from Craigleith                           | 36 University Buildings           |
| 9 Princes Street from Calton Hill            | 23 Castle from Grassmarket                             | 37 John Knox's House              |
| 10 Princes Street and Scott's Monument       | 24 Castle Esplanade                                    | 38 Canongate Tolbooth             |
| 11 Statue of Sir Walter Scott                | 25 "Mon's Meg." Edinburgh Castle                       | 39 White Horse Close              |
| 12 East Princes Street from Scott's Monument | 26 View from Castle looking North                      | 40 Queen Mary's Bath House        |
| 13 Old Town from Scott's Monument            | 27 Edinburgh from Castle Corner of the West Bow        | 41 Arthur's Seat                  |
| 14 Bank of Scotland from Scott's Monument    |  | 42 Roslin Glen and Castle         |
|  |  | 43 Roslin Chapel, Exterior        |
|  |  | 44 Roslin Chapel, Chancel         |
|  |  | 45 Roslin Chapel, Master Pillar   |
|  |  | 46 Roslin Chapel, Prentice Pillar |

## THE HIGHLANDS OF SCOTLAND.

With Reading.

- |                           |                                |                          |
|---------------------------|--------------------------------|--------------------------|
| Introduction              | Duncansby                      | Blair Athole             |
| Glasgow Cathedral         | Dunrobin Castle                | Falls, Moness            |
| George Square             | Elgin (Cathedral)              | Taymouth Castle          |
| The University            | Aberdeen                       | The Pass of Leny         |
| The Broomsclaw            | Castle Street and Union Street | Callander                |
| Dunglass Castle           | King's College                 | Pass of the Trossachs    |
| Dunbarton Rock and Castle | Old Machar Cathedral           | Loch Katrine             |
| Greenock                  | Old Brig o' Balgownie          | Inversnaid Falls         |
| Inverary                  | Balmoral                       | Loch Lomond              |
| Oban                      | Dark Lochnagar                 | Dumblane                 |
| Staffa, Fingal's Cave     | Dunnottar                      | Abbey Craig              |
| Iona                      | Arbroath Abbey                 | Stirling Castle          |
| Glencoe                   | Perth                          | Dollar (Castle Campbell) |
| Ben Nevis                 | Dunkeld                        | The Devil's Mill         |
| Fall of Foyers            | Hermitage and Bridge, Dunkle   | Lochleven Castle         |
| Inverness                 | Pass of Killiecrankie          | St. Andrews              |
| Kirkewall (Cathedral)     |                                | Dumfermline (Abbey)      |

## THE LOWLANDS OF SCOTLAND.

With Reading.

- |                        |                            |                           |
|------------------------|----------------------------|---------------------------|
| Introduction           | The Capon Tree             | Caerlaverock Castle       |
| Calton Hill            | Kelso Abbey                | Dundrennan Abbey          |
| Holyrood Palace        | Floors' Castle             | Burns' Mausoleum          |
| Scott Monument         | Bronxholm Tower            | Lincluden Abbey           |
| Grassmarket            | Dryburgh Abbey             | On the Nith               |
| Edinburgh, Old Town    | Melrose Abbey              | Ary ("The Twa Brigs")     |
| Roslin Glen and Castle | Melrose Abbey, East window | Burns' Monument           |
| Roslin Chapel          | Abbotsford                 | The Doon below the Bridge |
| The Prentice Pillar    | Abbotsford, The Stud       | Stair House               |
| Craigmillar Castle     | St. Ronan's Well           | Ballochmyle               |
| Tantallon Castle       | Peebles                    | Bothwell Castle           |
| North Berwick Law      | Neidpath Castle            | Falls of Clyde            |
| Dirlton Castle         | Newark Castle              | Cora Linn                 |
| Norham Castle          | St. Mary's Loch            | Stonebyres                |
| Twizel Castle          | Gray Mare's Tail           | Linlithgow                |
| Jedburgh Abbey         | Moffat                     |                           |
|                        | Beld Craig, Linn           |                           |



# GERMANY.

## BERLIN.

With Reading.

- |                                    |                               |                                       |
|------------------------------------|-------------------------------|---------------------------------------|
| 1 Railway Station, Alexander Place | 15 Old Berlin                 | 32 Leipsic Street                     |
| 2 King Street                      | 16 Oldest house in Berlin     | 33 The French Church                  |
| 3 Place of the Old Palace          | 17 The River Spree            | 34 Royal Opera House                  |
| 4 The Chapel of the Palace         | 18 The Cathedral              | 35 Frederick William University       |
| 5 The Palace of the Crown Prince   | 19 St. Hedwig's Church        | 36 The Arsenal                        |
| 6 Unter den Linden                 | 20 The Thiergarten            | 37 The front of the Arsenal           |
| 7 Unter den Linden                 | 21 Royal Dramatic Theatre     | 38 Entrance to Emperor William Street |
| 8 Royal Palace Guard House         | 22 Schiller Monument          | 39 The Exchange                       |
| 9 Palace of the Emperor            | 23 National Gallery           | 40 The Mint                           |
| 10 Statue of Frederick the Great   | 24 Statue of King William III | 41 Bruder Street                      |
| 11 The Old Museum                  | 25 Statue of Queen Louise     | 42 The Fisherbridge                   |
| 12 Front of Old Museum             | 26 A branch of the New Lake   | 43 Alexander Place Market             |
| 13 Steps of the Old Museum         | 27 The Löwenbrücke            | 44 The Cycle Course                   |
| 14 Old Berlin                      | 28 Brandenburger Gate         | 45 Charlottenburg Polytechnic         |
|                                    | 29 Monument of Victory        | 46 The Military Band                  |
|                                    | 30 Belle Vue Palace           |                                       |
|                                    | 31 Marble Palace              |                                       |

## THE RHINE TOUR.

From Cologne to Schaffhausen, with some Peeps at the Black Forest of Germany.

With Reading.

- |   |  |   |
|---|--|---|
| 1 Cologne Cathedral, from the Railway Station | 21 St. Goarhausen, from St. Goar             | 36 The Trinkhalle, Baden-Baden            |
| 2 Cologne Market                              | 22 The Lurlei Rock                           | 37 The Conversation House, Baden-Baden    |
| 3 Bonn, from the Pier                         | 23 Oberwesel, from the Castle Hills          | 38 Strassbourg Cathedral, etc             |
| 4 Königswinter and the Ferry                  | 24 Oberwesel, from the Pier                  | 39 Hornberg—Street in the Village         |
| 5 The Drachenfels, from the opposite bank     | 25 Bacharach and St. Werner's Chapel         | 40 Hornberg, from the Castle Hill         |
| 6 The Castle of Drachenfels                   | 26 Rheinstein Castle, near Bingen            | 41 Hornberg—View from the Bridge          |
| 7 Rolandseck, from the Ferry                  | 27 Bingen—the Mouse Tower                    | 42 Niederwasser Village, from the Railway |
| 8 Remagen, from the West                      | 28 Mayence Cathedral, from S. W              | 43 Triberg—General View                   |
| 9 Erpel, from Remagen                         | 29 Mayence Cathedral, from the Market Place  | 44 Triberg—Waterfall of the Faltbach      |
| 10 Andernach Castle                           | 30 Mayence and Bridge of Boats               | 45 Basle, from the Old Bridge             |
| 11 The Old Watch Tower, Andernach             | 31 Heidelberg Castle, from the Neckar Bridge | 46 The Old Bridge, Basle                  |
| 12 Coblenz and the Bridge of Boats            | 32 Heidelberg Castle—the Grand Facade        | 47 The Rhinefalls, Neuhau- sen            |
| 13 Ehrenbreitstein Castle                     | 33 Heidelberg, from the Great Terrace        | 48 Neuhau- sen—the Rhine below the Falls  |
| 14 Ems and the Bäderlei Hill                  | 34 Raft on the Neckar at Heidelberg          | 49 Schaffhausen and the Rapids            |
| 15 Ems, looking West                          | 35 Baden-Baden, from the Hills               | 50 Schaffhausen, from the Swiss side      |
| 16 Boppard, Old Houses in the Town            |  |   |
| 17 Boppard, view looking down the Rhine       |  |   |
| 18 Rheinfels Castle, St. Goar                 |  |   |
| 19 St. Goar, from the opposite bank           |  |   |
| 20 St. Goarhausen and the Katz Castle         |  |   |



# SWITZERLAND.

## The Northern Lakes and Bernese Oberland.

### Tour No. 1, with Reading.

- |  |   |  |
|--|---|--|
| 1 Basle, Old Bridge, and "Three Kings" Hotel | 18 Lake of Lucerne, Tell's Chapel             | 35 Grindelwald, The Eiger, etc           |
| 2 Basle, The Upper Bridge                    | 19 Lake of Lucerne, The Axenstrasse           | 36 Grindelwald, The Upper Glacier        |
| 3 Basle, The Minster                         | 20 Brunnen                                    | 37 Grindelwald, on the Eismeer           |
| 4 Basle, The Minster, West Door              | 21 The Sarnen Sea                             | 38 Spiez, Lake of Thun                   |
| 5 Basle, St. Paul's Gate                     | 22 Handeck, the Chalet                        | 39 Kandersteg, Bear Hotel and Mt. Lohner |
| 6 Neuhausen, The Rhine, above the Falls      | 23 Handeck, Falls of the Aar                  | 40 Gasterin Thal, The Schildhorn         |
| 7 Neuhausen, The Falls of the Rhine          | 24 Grimsel Lake and Hospice                   | 41 Blumlis Alp, from path to the Lake    |
| 8 Schaffhausen, from the High Rock           | 25 Rosenlaui, Falls of the Reichenbach, No. 1 | 42 Thun, from Belle Vue Pavilion         |
| 9 Constance, from the Cathedral Tower        | 26 Rosenlaui, Falls of the Reichenbach, No. 2 | 43 Thun, from the Churchyard             |
| 10 Constance, The Rhine Bridge               | 27 Rosenlaui, The Wellhorn and the Wetterhorn | 44 Thun, The Castle, etc                 |
| 11 Zurich, from the Minster Tower            | 28 Interlaken, View at the Rugen              | 45 Fribourg, Lower Town Fountain         |
| 12 Zurich, View from Flaraten                | 29 Interlaken, Hotel Beau-Rivage              | 46 Fribourg, The Suspension Bridge       |
| 13 Lucerne, and the Rigi                     | 30 Interlaken, The Giessbach                  | 47 Fribourg, The Cathedral               |
| 14 Lucerne, and Pilatus                      | 31 Lauterbrunnen, The Staubbach               | 48 Berne, from Rosengarten               |
| 15 Lucerne, The Hofkirche                    | 32 View at Mürren                             | 49 Berne, from Schaanzi                  |
| 16 Lucerne, The "Lion" Monument              | 33 Wengern Alp and Little Scheideck Pass      | 50 Berne, The Clock Tower                |
| 17 Lake of Lucerne, View from the Rigi       | 34 Grindelwald, The Wetterhorn                |  |

### List of Slides to Illustrate the Reading.

#### Nc. 2.

- |  |   |  |
|--|---|--|
| 1 Geneva. From Bridge over Rhone       | 18 Zermatt and the Matterhorn                     | 36 Meerielensee, Aletsch Horn and Glacier    |
| 2 Chamounix and Mount Brevent          | 19 The Matterhorn. From Mettelhorn                | 37 Furca, Todtensee, and Finsteraarhorn      |
| 3 Tête Noire. First Peep of Mont Blanc | 20 The Matterhorn. From Gornergrat                | 38 Rhone Glacier and Hotel                   |
| 4 Tête Noire. Salvan Route             | 21 The Lyskamm and Twins                          | 39 Rhone Crevasse and Glacier                |
| 5 Tête Noire. From Roche Percée        | 22 Monte Rosa                                     | 40 Grindelwald. Ice Cave                     |
| 6 Tête Noire Valley                    | 23 Brieg, Simplon Gorge, and Mont Leone           | 41 Kandersteg, Blumlis Alp and Oexhinen Lake |
| 7 Mer de Glace. From the Plegere       | 24 Brieg and Bel Alp                              | 42 Loèche les Bains and Gemmi Pass           |
| 8 Mer de Glace                         | 25 St. Gothard. Pont du Diable                    | 43 Loèche les Bains. Ladder Pass             |
| 9 Mer de Glace                         | 26 Pont du Diable                                 | 44 Sion. Rhone Valley                        |
| 10 Dome de Goutez. Glacier des Bossons | 27 Pont du Diable. St. Gothard                    | 45 Vevay, Montreux, and Dent du Midi         |
| 11 Mont Blanc. From Glaciers           | 28 Hospenthal and Mont Tibbia                     | 46 The Castle of Chillon. Front Entrance     |
| 12 Mer de Glace                        | 29 Amstag   | 47 The Castle of Chillon. From the Water     |
| 13 Vernayaz. Pissevache Cascade        | 30 Maderaner Thal                                 | 48 Ouchy Hotel. Beau Rivage                  |
| 14 Vernayaz. Gorge du Trient           | 31 Maderaner Hüfihorn, and Breithorn              | 49 Lausanne. From the Promenade              |
| 15 Vernayaz. ' Gorge du Trient         | 32 Maderaner. Stauerbach Cascade                  | 50 Lausanne. Castle and Cathedral            |
| 16 Zermatt and the Matterhorn          | 33 Amstag. From the Reuss Bridge                  |  |
| 17 Zermatt. The Riffelhaus             | 34 Viesch Glacier and Finsteraarhorn              |  |
|  | 35 Aletsch Horn, Jungfrau, Little Aletsch Glacier |  |



## THE ENGADINE, SWITZERLAND.

With Reading.

- |                                       |   |   |
|---------------------------------------|---|---|
| 1 Street in Coire                     | 20 Maloja, from Promenade des Artistes    | 34 Washerwoman at a Street Fountain     |
| 2 Coire Cathedral—Interior            | 21 Oxen Carting Home the Hay              | 35 Pontresina and the Roseg Valley      |
| 3 Thusis—General View                 | 22 Campfer—the Lakes and Piz Margua       | 36 The Roseg Glacier                    |
| 4 In the Schyn Pass                   | 23 Campfer—the Valley and Lake            | 37 In the Pine Woods, Pontresina        |
| 5 The Pont du Solis, Schyn Pass       | 24 The River Inn, near St. Moritz Bad     | 38 Pont Ota, Pontresina                 |
| 6 Tiefenkasten Village                | 25 St. Moritz, from Johansberg            | 39 The Morterach Glacier                |
| 7 Molins Village                      | 26 St. Moritz Village, from the South     | 40 Samaden Village                      |
| 8 Silvaplana Village and Lake         | 27 St. Moritz Bad and the Lake            | 41 A Diligence                          |
| 9 Silvaplana, from the Meadows        | 28 Falls of the Inn, St. Moritz           | 42 Bevers Village                       |
| 10 Haymaking going on                 | 29 The Lower Valley, from St. Moritz Hill | 43 Ornamented Houses in Bevers Village  |
| 11 Group of Haymakers and Ox Wagon    | 30 Path through the Woods to Pontresina   | 44 Ponte Village, from the Meadows      |
| 12 The Surlei Cascade                 | 31 Young Engadine Cattle                  | 45 Madulein and the Inn, from Ponte     |
| 13 Footpath along Lake Silvaplana     | 32 Pontresina and Piz Languard, from West | 46 The Albula Hospice or Inn            |
| 14 Lake Silvaplana, from the Woods    | 33 Road through Pontresina Village        | 47 The Weissenstein Valley, Albula Pass |
| 15 Sils Maria Village                 |   | 48 Bergun Village, Albula Route         |
| 16 Sils Maria, from the South         |   | 49 Street in Filisur Village            |
| 17 An Ox Load of Hay                  |   | 50 Coire—General View                   |
| 18 Lake of Sils and Isola Village     |   |   |
| 19 Maloja, from Lake of Sils (Cattle) |   |   |

## THE FOREST CANTONS OF SWITZERLAND.

Embracing a Trip over the Rigi by the Cog-wheel Railway, Pictures of the Beautiful Lake Lucerne, and the Roads up the St. Gothard.

With Reading.

- |  |  |   |
|--|--|---|
| 1 Lucerne—the Lake Steamers, etc.          | 17 The Grubis-Bahn Waterfalls Rigi           | 35 Lake Lucerne, from Tell's Platte           |
| 2 Lucerne and Mount Pilatus                | 18 View from the Railway at Romiti Felsenhor | 36 Tell's Chapel, Lake Lucerne                |
| 3 Lucerne—The Schweizerhof Hotel           | 19 Rigi Karltbad—The Hotels, etc.            | 37 The Axenstrasse, above Tell's Chapel       |
| 4 Lucerne—The Kapell Bridge and Old Tower  | 20 Chapel at the Sisters Fountain, Karltbad  | 38 The Axenstrasse Tunnel, near Flüelen       |
| 5 Lucerne—The Lion Monument                | 21 Rigi Staffel                              | 39 Flüelen, from the Railway Bridge           |
| 6 The Glacier Garden, Lucerne              | 22 Rigi Culm, from Rigi Staffel              | 40 Altdorf—Statue of William Tell             |
| 7 The Swan Gardens on the Lake Lucerne     | 23 Klosterli Village on the Rigi             | 41 Amsteg and the Burgenstock Mountain        |
| 8 Lucerne and the Rigi, from the Gütsch    | 24 Bridge over the Rothenfluhbach Ravine     | 42 Amsteg, from the Bridge                    |
| 9 Stanzstad and the Bürgenstock            | 25 Arth Rigi Railway—Cutting through Forest  | 43 Wasen—General View                         |
| 10 Stanzstad—The Old Watch-Tower           | 26 Lake Lowerrz and the Mytons               | 44 View from Wasen Churchyard                 |
| 11 Valley of Lungern, from the Brunig Pass | 27 Valley of Goldau and the Rossberg         | 45 Röllibach Falls and Bridge, near Wasen     |
| 12 Küssnacht, Lake Lucerne                 | 28 Goldau Church                             | 46 Geschenen, looking up the St. Gothard Pass |
| 13 Weggis and the Rigi                     | 29 Arth, foot of the Rossberg                | 47 Geschenen, from the Railway Bridge         |
| 14 Vitznau—The Mountain Locomotive, etc.   | 30 Schwyz Market Place and the Mytons        | 48 St. Gothard Pass—the Schöllinen Gorge      |
| 15 Vitznau, from the Railway               | 31 Brunnen, from the Axenstrasse             | 49 The Devil's Bridge, St. Gothard Pass       |
| 16 The Schnur-Tobel Bridge, with Train     | 32 The Axenfels and St. Gothard Line         | 50 Hospenthal and the River Reuss             |
|  | 33 Gersau, from the Pier                     |   |
|  | 34 Gersau from the Hills                     |   |



# ITALY.

With Reading.

- |  |   |   |
|--|---|---|
| 1 Turin. Palazzo Carignano                                   | 18 Florence. Cathedral and Campanile from Palazzo Vecchio | 34 Naples. Monument in the Piazza de' Martiri     |
| 2 Turin. Church of Gran Madre di Dio                         | 19 Florence. Palazzo Vecchio                              | 35 Pompeii. View with Vesuvius                    |
| 3 Turin. Capuchin Mount and Monastery                        | 20 Florence. Uffizi and Palazzo Vecchio                   | 36 Pompeii. The Forum                             |
| 4 Milan Cathedral  | 21 Florence. Loggia dei Lanzi                             | 37 Pompeii. The Basilica                          |
| 5 Orta Lake  | 22 Florence. Church of Santa Croce                        | 38 Pompeii. The Temple of Venus                   |
| 6 Baveno. Lake Maggiore                                      | 23 Florence. Triumphal Arch at Porto Gallo                | 39 Pompeii. The Pantheon                          |
| 7 Varenna. Lake Como   | 24 Arezzo. Birthplace of Petrarch                         | 40 Pompeii. The House of the Small Fountain       |
| 8 Venice. Cathedral of St. Mark's, Facade                    | 25 Naples. from S. Elmo                                   | 41 Pompeii. The House of the Faun                 |
| 9 Venice. Reliefs in Porphyry of Knights                     | 26 Naples. Harbor from the Arsenal                        | 42 Pompeii. The Amphitheatre                      |
| 10 Venice. Palace of the Doges                               | 27 Naples. S. Elmo and Marina                             | 43 Pompeii. The Street of the Tombs               |
| 11 Venice. Palace of the Doges, Bronze Fountain in Courtyard | 28 Naples. S. Lucia and Castello dell'Ovo                 | 44 Palermo Cathedral                              |
| 12 Venice. The Bridge of Sighs                               | 29 Naples. Piazza del Plebiscito                          | 45 Pisa. Baptistery, Cathedral, and Leaning Tower |
| 13 Venice. Grand Canal                                       | 30 Naples. Palazzo Reale                                  | 46 Pisa. Leaning Tower                            |
| 14 Venice. Ponte Rialto                                      | 31 Naples. Palazzo Reale—the Scala                        | 47 Lucca Cathedral                                |
| 15 Venice. Ca d'Oro, Golden Palace                           | 32 Naples. Church of S. Francesco di Paolo                | 48 Genoa. Above the Railway Station               |
| 16 Bologna. Church of San Giacomo Maggiore                   | 33 Naples. Villa Nazionale                                | 49 Genoa. Palazzo Ducale                          |
| 17 Florence and River Arno                                   |   | 50 Genoa. Christopher Columbus                    |

## THE ITALIAN LAKES.

An Entirely New Series of Fifty Views.

With Reading.

- |   |                                       |  |
|---|---------------------------------------|--|
| 1 Street in Bellinzona                      | 22 Island of San Giulio, Lake Orta    | 37 Tropical Plants in Garden of Villa Serbelloni |
| 2 Locarno from the Pier                     | 23 Madonna del Monte, near Varese     | 38 Lake Como, Lavedo and Island Comacina         |
| 3 Locarno, the Grand Piazza                 | 24 Lugano and Monte Bré               | 39 View from above Sala, looking north           |
| 4 Madonna del Sasso from the Town           | 25 Lugano and Monte San Salvatore     | 40 Torrigia from the Lake                        |
| 5 Madonna del Sasso from the Heights        | 26 Lugano and St. Lorenzo Church      | 41 Como, the Harbor and Landing-Place            |
| 6 Cannobo from the Steamer                  | 27 Oxen Cart, Lugano                  | 42 General view of Como                          |
| 7 Maccagno from the Lake                    | 28 Lugano from the Lake               | 43 Como and the Lake from Baradello Hill         |
| 8 Luino from the Lake                       | 29 The Wood Market, Lugano            | 44 Milan Cathedral from the Piazza               |
| 9 Intra from the Pier                       | 30 Fresco by Luine at the Lugano      | 45 View on the roof of Milan Cathedral           |
| 10 Laveno from the Lake                     | 31 Ostena, Entrance to the Grotto     | 46 Lecco, general view                           |
| 11 Pallanza, Piazza Garibaldi               | 32 Porezza, the Landing-Place, etc    | 47 Lake Lecco and Mountains from the Bridge      |
| 12 Villa Clara, Baveno                      | 33 Menaggio, the Town, and Lake Como  | 48 Lecco from the Shore                          |
| 13 Baveno from the Hills                    | 34 Bellaggio, the Via Serbelloni      | 49 Gravedona, from the Lake                      |
| 14 Stresa, and Lake Maggiore from the Hills | 35 Bellaggio, general view            | 50 Colico, the Diligence Office, etc.            |
| 15 Isola Bella from the Shore               | 36 View from Park of Villa Serbelloni |  |
| 16 Isola Bella, the Grotto in Gardens       |                                       |  |
| 17 Arona from the Lake                      |                                       |  |
| 18 Lake Orta from the South                 |                                       |  |
| 19 The Lake at Orta                         |                                       |  |
| 20 Market Place, Orta                       |                                       |  |
| 21 Street in Orta                           |                                       |  |



## THE RIVIERA.

From Marseilles to Genoa.

With Reading.

- |                                       |   |   |
|---------------------------------------|---|---|
| 1 Marseilles—Quay de la Fraternite    | 21 Monaco—The Promontory and Town           | 36 The Bed of the River at Mentone              |
| 2 Marseilles—Rue Cannebiere           | 22 Monaco—from the Casino Terraces          | 37 Pont St. Louis, boundary of France and Italy |
| 3 Toulon—Quay du Port                 | 23 Monte Carlo—General View                 | 38 Ventimiglia, from the River Bed              |
| 4 Toulon—Rue Lafayette                | 24 The Casino and Gardens, Monte Carlo      | 39 Bordighera, View looking East                |
| 5 Hyeres, from Hotel de Palmiers      | 25 The South Front of Casino, from Gardens  | 40 San Remo—West Bay and Promenade              |
| 6 Cannes—the Quay                     | 26 View in Monte Carlo Gardens              | 41 View in the Old Town—San Remo                |
| 7 Rue Centrale, Cannes                | 27 Monte Carlo, from the Monaco Gardens     | 42 The Market Place—San Remo                    |
| 8 Cannes, from La Croix des Gardes    | 28 Roquebrune, from the Corniche Road       | 43 Street in Old San Remo                       |
| 9 Boulevard de la Croisette           | 29 Distant View of Monaco and Tête du Chien | 44 Women Carriers of San Remo                   |
| 10 Grasse—General View                | 30 An Olive Grove near Cap Martin           | 45 The Old Town of San Remo                     |
| 11 Nice—General View from the West    | 31 Menton from the shore of Cap Martin      | 46 Villa Zirrion, Emperor Frederick's Residence |
| 12 Nice—Promenade des Anglais         | 32 Menton—General View from the West        | 47 Diana Marina, ruined by the Earthquake       |
| 13 Nice—Harbor and Mount Boron        | 33 Public Gardens and Promenade du Midi     | 48 Savona, Corso Principe Amedeo                |
| 14 Nice, from the Villefranche Road   | 34 Menton Beach—Hauling in the Nets         | 49 Genoa—the Via Balbi                          |
| 15 Nice—The Casino, etc.              | 35 Menton Old Town, from the East Bay       | 50 Statue of Columbus, etc. from the Station    |
| 16 Cimiez, near Nice—Ruins of Theatre |   |   |
| 17 Villefranche—the Harbor, etc.      |   |   |
| 18 Beaulieu—Little Africa             |   |   |
| 19 Eza, from the Corniche Road        |   |   |
| 20 La Turbie—the Roman Tower          |   |   |

## BELGIUM.

- |  |   |   |
|--|---|---|
| Introduction   | 17 Liege—The Church of St. Jacques, interior    | 35 Antwerp—Church of St. Jacques, Nave        |
| 1 Ypres, Hotel de Ville                              | 18 Louvain—Hotel de Ville                       | 36 Antwerp—Church of St. Paul                 |
| 2 Courtray—Bridge and Towers                         | 19 Louvain—The Church of St. Peter              | 37 Antwerp—Calvary                            |
| 3 Courtray—Hotel de Ville and Belfrey of St. Martin. | 20 Brussels—The Hotel de Ville                  | 38 Antwerp—Church of the Jesuits              |
| 4 Tournay—The Belfry                                 | 21 Brussels Cathedral                           | 39 Ghent—Church of St. Nicholas               |
| 5 Tournay—View of the Cathedral from the Belfry      | 22 Brussels—Colonne du Congrès                  | 40 Ghent Cathedral, interior                  |
| 6 Tournay Cathedral, The Nave                        | 23 Brussels—The Bourse                          | 41 Ghent Cathedral, the Choir                 |
| 7 Namur—Interior of the Church of St. Loup           | 24 Waterloo—Lion Mount                          | 42 Ghent—Old Houses, from the Quai aux Herbes |
| 8 Dinant—General view                                | 25 Waterloo—Hougoumont, south front of the Farm | 43 Bruges—Hotel de Ville                      |
| 9 Dinant—The Roche à Bayard                          | 26 Waterloo—La Belle Alliance                   | 44 Bruges—Palais de Justice, Council Chamber  |
| 10 Dinant—Anseremme                                  | 27 Waterloo—La Haye Saint                       | 45 Bruges—The Cathedral interior              |
| 11 Huy—The Citadel                                   | 28 Oudenarde—The Hotel de Ville                 | 46 Bruges—Notre Dame                          |
| 12 Liege—Grand Marche                                | 29 Malines Cathedral, exterior                  | 47 Bruges—Quai du Rosaire                     |
| 13 Liege—Palais de Justice                           | 30 Malines Cathedral, interior                  | 48 Bruges—The Belfry                          |
| 14 Liege—Palais de Justice, the Arcade               | 31 Antwerp—Hotel de Ville                       | 49 Ostend—The Harbor                          |
| 15 Liege—The Cathedral                               | 32 Antwerp Cathedral, exterior                  | 50 Ostend—The Lighthouse                      |
| 16 Liege—Cathedral, interior                         | 33 Antwerp Cathedral, the Nave                  |   |
|  | 34 Antwerp—Place Verta                          |   |

**ROME.**

With Reading. By Dr. Edgar.

- |  |   |                                      |
|--|---|--------------------------------------|
| 1 View from the French Academy           | 16 Arch of Constantine                        | 33 Fontana di Trevi                  |
| 2 St. Peter's from the Vatican Gallery   | 17 Arch of Titus                              | 34 The Coliseum                      |
| 3 St. Peter's                            | 18 Arch of Titus, Bas-relief (7 Candlesticks) | 35 The Coliseum, the Interior        |
| 4 St. Peter's Facade and Dome            | 19 Arch of Titus, Bas-relief (the Chariots)   | 36 Piazza Navona                     |
| 5 St. Peter's, The Interior              | 20 Porta San Maggiore                         | 37 Piazza Colonna                    |
| 6 The Vatican                            | 21 Porta San Lorenzo                          | 38 Steps of Piazza di Spagna         |
| 7 Chiaramonti Corridor, The Vatican      | 22 Porta San Paolo                            | 39 View from Monte Pincio            |
| 8 The Vatican Ariadne                    | 23 Porta San Giovanni                         | 40 Piazza del Popolo                 |
| 9 Ruins on the Palatine Hill             | 24 Tomb of Cecelia Metella                    | 41 Column of Immaculate Conception   |
| 10 Temple of Vesta                       | 25 Basilica of Constantine (distant)          | 42 Pincio Gardens                    |
| 11 Temple of Castor and Pollux           | 26 Basilica of Constantine (near)             | 43 Pincio Gardens, Fountain of Moses |
| 12 San Lorenzo, outside the Walls        | 27 Island in the Tiber                        | 44 The Pantheon                      |
| 13 Temple of Faustina from Palatine Hill | 28 Palazzo Quirinale                          | 45 San Paolo                         |
| 14 View from the Palatine Hill           | 29 Palazzo del Laterano                       | 46 Forum Romanum                     |
| 15 Temple of Saturn                      | 30 Villa Medici                               | 47 Forum of Trajan                   |
|  | 31 St. Angelo                                 | 48 Column of Phoeas                  |
|  | 32 Fontana Paolino                            | 49 The Capitol                       |
|  |   | 50 Santa Maria Maggiore              |

**THE CITY OF FLORENCE.**

With Reading.

- |                                      |  |   |
|--------------------------------------|--|---|
| 1 Church of St. Maria, Novella       | 12 Giotto's Tower, etc., from the East   | 23 View from the Vecchio Gallery        |
| 2 Pont Trinita                       | 13 The Piazza del Duomo                  | 24 Pitti Palace, from Boboli Gardens    |
| 3 The Vecchio Bridge                 | 14 The Baptistry—Florence                | 25 Florence, from the Boboli Gardens    |
| 4 View from the Vecchio Bridge       | 15 Front doorway of Florence Cathedral   | 26 A Statue Group in the Boboli Gardens |
| 5 The Vecchio Palace and Loggia      | 16 Florence, from San Miniato            | 27 The Pitti Palace—Exterior            |
| 6 Court of the Vecchio Palace        | 17 Monastery and Cemetery of San Miniato | 28 Church of St. Croce                  |
| 7 Great Hall of the Vecchio Palace   | 18 View from Piazza, Michael Angelo      | 29 Court of Bargello Museum             |
| 8 The Cathedral, from Vecchio Tower  | 19 Florence and the Arno, from Piazza    | 30 The Strozzi Palace                   |
| 9 Fountain and Piazza della Signoria | 20 Uffizi Colonnade and Vecchio Palace   | 31 Church of St. Marco                  |
| 10 Loggia de Lanzi                   | 21 East Corridor of the Uffizi Gallery   | 32 Arch of Gallio                       |
| 11 Florence Cathedral—the Front      | 22 Statue of Venus, Tribune Gallery      | 33 The Villa Palmeria                   |
|                                      |  | 34 Distant View from Fiesole            |
|                                      |  | 35 Carthusian Monastery and Monks       |
|                                      |  | 36 The Cascine, near Florence           |

**THE MEDITERRANEAN.**

With Reading.

- |   |   |  |
|---|---|--|
| 1 Gibraltar                                       | 10 Cannes, from La Californie               | 20 Nice. View in the Harbor              |
| 2 Gibraltar, from Europa Point                    | 11 Cannes, from Mount Chevalier             | 21 Nice. View in the Harbor with Piers   |
| 3 Gibraltar Town and Bay                          | 12 Cannes. Mount Chevalier from the Beach   | 22 Nice. Les Quais                       |
| 4 Barcelona. The Harbor                           | 13 Cannes. Cathedral Tower, Mount Chevalier | 23 Monaco. Monte Carlo                   |
| 5 Marseilles from Notre Dame de la Garde          | 14 Antibes                                  | 24 Monaco. Monte Carlo Gardens           |
| 6 Marseilles. Cathedral of Notre Dame de la Garde | 15 Nice, from Ville Franche Road            | 25 Monaco. Monte Carlo Gardens           |
| 7 Marseilles. Fort Napoleon, etc                  | 16 Nice. Jardin Anglais                     | 26 Mentone. Old Town from Harbor         |
| 8 Marseilles. View in the Harbor                  | 17 Corsica                                  | 27 Mentone. Promenade                    |
| 9 Marseilles. Museum Fountain                     | 18 Nice. The Bay                            | 28 Genoa, from above the Railway Station |
|   | 19 Nice. Promenade des Anglais              |  |



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|--------------------------------|--|---|
| 29 Genoa. Christopher Columbus | 38 Malta. Grand Harbor                 | 45 Algiers with Boulevards              |
| 30 Naples, from San Elmo       | 39 Malta. Marsa Muscat                 | 46 Algiers, from Marengo Gardens        |
| 31 Naples. Bay and Vesuvius    | 40 Malta. Valetta                      | 47 Algiers. Palms in Jardin d'Assay     |
| 32 Naples. Marina and San Elmo | 41 Malta. Valetta. Church of St. John  | 48 Algiers. Palms in Jardin d'Assay     |
| 33 Sorrento, from Capodimonte  | 42 Malta. Entrance to Grand Harbor     | 49 Algiers. Interior of Arabesque House |
| 34 Capri. The Marina           | 43 Malta. H. M.'s Fleet and Troop-ship | 50 Algiers. Gorge of Scheffa            |
| 35 Capri                       | 44 Algiers. General View from Harbor   |   |
| 36 Amalfi                      |  |   |
| 37 Messina, from the Hills     |  |   |

## ANCIENT GREECE.

Lecture by P. H. Farez.

- |                                      |                                 |                               |
|--------------------------------------|---------------------------------|-------------------------------|
| 1 Map of Greece                      | 14 Temple of Theseus            | 31 A Banquet                  |
| 2 Mycenæ and Palace of Agamemnon     | 15 Temple of Wingless Victory   | 32 Boxing                     |
| 3 A Centaur                          | 16 Temple of Jupiter            | 33 Horse-racing               |
| 4 Ruins on the Plains of Troy        | 17 Tower of the Winds           | 34 Throwing the Discus        |
| 5 View of the Shores of Greece       | 18 Theatre of Bacchus           | 35 Greek Warriors             |
| 6 The Piræus, Athens in the distance | 19 Gymnasium or School          | 36 Chariot and Warriors       |
| 6½ Course of the Ulyssus             | 20 Temple of Neptune at Corinth | 37 Macedonian Phalanx         |
| 7 Grotto of Pantili                  | 21 Lantern of Diogenes          | 38 Battering Ram              |
| 8 Panorama of Ancient Athens         | 22 Colossus of Rhodes           | 39 Catapult                   |
| 8½ Areopagus or Mars Hill            | 23 Interior of Arcade at Delphi | 40 Storming a City            |
| 9 Tribune of Demosthenes             | 24 Costume of Greeks            | 41 Demosthenes                |
| 10 The Acropolis                     | 25 Costume of Greek Ladies      | 42 Statue of Jupiter Olympus  |
| 11 Parthenon                         | 26 Shepherds and dresses        | 43 Charon                     |
| 12 Erechtheion                       | 27 Agriculture—Reaping          | 44 The Nine Muses             |
| 13 Pandrosium                        | 28 Sports of Children           | 45 Perseus with Medusa's Head |
|                                      | 29 Marriage Procession          | 46 Laocöon                    |
|                                      | 30 Panathenaic Procession       | 47 Portrait of Homer          |

## SPAIN.

With Reading.

- |                                   |                                      |  |
|-----------------------------------|--------------------------------------|--|
| 1 Gibraltar, Our Courier          | 17 Cordova, Interior of Mosque       | 36 Granada, The Alhambra, from San Nicolas |
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| 3 Gibraltar, The Bay              | 19 Toledo, with the Alcazar          | 38 Granada, Hall of Two Sisters            |
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| 5 Gibraltar, Catalan Bay          | 21 Madrid, Royal Palace              | 40 Granada, Moor's Seat                    |
| 6 Gibraltar, Bridge of Thunder    | 22 Madrid, National Museum           | 41 Granada, Sierra Nevada from Adarbes.    |
| 7 Cadiz, The Cathedral            | 23 Madrid, Fountain of Alcalá        | 42 Granada, Tower of Peaks                 |
| 8 Seville, The Cathedral and City | 24 Madrid, The Escorial              | 43 Granada, Water Tower                    |
| 9 Seville, The Alcazar Gardens    | 25 Valladolid, an Antique Street     | 44 Granada, Gipsy Prince                   |
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| 11 Seville, Court of Sultanas     | 27 St. Sebastian                     | 46 Granada, Group of Gipsies               |
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| 15 Cordova, The Town              | 31 Barcelona, The Harbor             | 50 Malaga, The Harbor                      |
| 16 Cordova, Court of Oranges      | 32 Tarragona, The Cathedral          |  |
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|                                   | 34 Granada, Elms in Alhambra Grounds |  |
|                                   | 35 Granada, Cielo Bajo               |  |

# EGYPT.

## CLEOPATRA'S NEEDLE;

Or, the History of Egypt as told by its Monuments.

With Reading. By H. Gore, C. E.

- |   |                                     |   |
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| 2 Pyramids and Sphinx                   | Arin                                | of Philæ                                    |
| 3 Pyramids of Sakara                    | 18 Colossi at Thebes                | 35 Philæ, Colonnade of Temple               |
| 4 Beni Hassan, exterior                 | 19 Colossal Beetle                  | of Isis                                     |
| 5 Beni Hassan, Sculptures               | 20 Medinet Abou, Hall of            | 36 Statue of Roman Emperor                  |
| 6 Abydos, Temple and Columns            | Columns                             | Antinous                                    |
| 7 Column of Amenophis III               | 21 Court of Sheshonk, Thebes        | 37 Assouan and Quarries of                  |
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| 12 Obelisk, Place de la Concorde, Paris | Palace                              | Moving Obelisk                              |
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|   | 33 Porch of Temple at Denderah      | 46 Arrival at Gravesend                     |
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## HOLY LAND, OR PALESTINE.

A SET OF SIXTY PLAIN PHOTOGRAPHIC VIEWS AND LECTURES.

- |                               |                               |                              |
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| No.                           | No.                           | No.                          |
| 1. Map of Sinai.              | 22. Gethsemane.               | 43. Jacob's Well.            |
| 2. Mounted Travelers          | 23. Virgin's Tomb.            | 44. Town of Shechem.         |
| 3. The Wady Feiran.           | 24. The Golden Gate.          | 45. The Old Pentateuch Roll. |
| 4. Mount Sinai.               | 25. Valley of Jehoshaphat.    | 46. Samaria.                 |
| 5. The Convent at Sinai.      | 26. Pool of Siloam.           | 47. Plowing in Palestine.    |
| 6. Map of Palestine.          | 27. David's Tomb.             | 48. Nazareth—South.          |
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| 8. Plan of the Mosque.        | 29. Pool of Hezekiah.         | 50. Nazareth—Table of Christ |
| 9. Bethlehem.                 | 30. Old Street in Jerusalem.  | 51. Mount Tabor.             |
| 10. Woman of Bethlehem.       | 31. View from a Roof.         | 52. Cana.                    |
| 11. Women Grinding Corn.      | 32. Church of Holy Sepulchre. | 53. Sea of Galilee.          |
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| 13. Fountain of Jericho.      | 34. Interior of "             | 55. Mount Hermon.            |
| 14. Bethany.                  | 35. Via Dolorosa.             | 56. Cedars of Lebanon.       |
| 15. Panorama of Jerusalem.    | 36. Arch of Ecce Homo.        | 57. Damascus—Mosque.         |
| 16. Extemporized Coffee Shop. | 37. The Rich Man's House.     | 58. Damascus—Naaman's        |
| 17. Jerusalem, from Olivet    | 38. Pool of Bethesda.         | House.                       |
| 18. Map of Jerusalem.         | 39. Mosque of Omar.           | 59. Damascus—House Interior  |
| 19. Mt. Olivet and Gethsemane | 40. Jews' Wailing Place.      | 60. The Man in Possession.   |
| 20. Old Olive Tree            | 41. A Jew of Jerusalem.       | 61. Introductory Slide.      |
| 21. St. Stephen's Gate.       | 42. Jerusalem, from Scopus.   |                              |



## INDIA.

With Reading.

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| 1 Glaciers at Panjtum, near Ummernath, Cashmere                  | 18 State Barge on the Apple Tree Canal            | 35 The Chandni Chowk, principal Street in Delhi         |
| 2 The Cave of Ummernath  | 19 Group of Cashmere Boatmen and Women            | 36 Delhi Gate of the Fort                               |
| 3 Coolies Crossing a Bridge of Frozen Snow                       | 20 Group of Cashmere Musicians, etc               | 37 The King's Palace, Delhi                             |
| 4 View between Sonamurg and Baltal, Cashmere                     | 21 Ruins of Martand, general view                 | 38 The Jumma Musjid, or Great Mosque, Delhi             |
| 5 Cascades below Sonamurg, Cashmere                              | 22 Lahore Railway Station                         | 39 The Cashmere Gate, Delhi                             |
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| 7 Rope Bridge, Scinde Valley, Cashmere                           | 24 Marble Pavilion in the Fort Gardens, Lahore    | 40 Sufter Jung's Tomb                                   |
| 8 The Visitors' Bungalows up the Jhelum, Cashmere                | 25 Runjeet Sing's Tomb, Lahore                    | 41 The Kootub Minar                                     |
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| 11 Foliage on the Apple Tree Canal, Cashmere                     | 28 Umritsur, showing portion of Tank              | 44 Diving Well at the Kootub                            |
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| 14 Zainul's Tomb   | 31 The Barracks, Murree                           | 47 Tomb of Prince Etmad Dowlah, Agra.                   |
| 15 The River Jhelum, opposite the Maharajah's Palace, Sreenugger | 31a View of the Bazaar from the Barracks, Murree  | 48 Cawnpore—Distant View of the Memorial Well           |
| 16 Bridge of Shops, Sreenugger, Cashmere                         | 32 Temple at Kurterpoor                           | 48a Cawnpore—Interior View of Memorial Well             |
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|  | 33 Sutlej Bridge, Delhi Railway                   | 50 Bithoor—View on the River Ganges (Nana Sahib's Home) |

## ATHENS AND THE PIRÆUS.

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| 2 Athens, The Place de la Concorde  | 19 The Areopagus (Mars Hill)     | 36 The Small Cathedral             |
| 3 Rue du Stade                      | 20 The Odeion of Herodes Atticus | 37 Athens, House of Parliament     |
| 4 Shops in Rue de Athene            | 21 The Interior of Theatre       | 38 Academy of Science, Athens      |
| 5 The Rue d' Eole (Æolis Street)    | 22 Monument of Philopappos       | 39 National Museum Statue, Room    |
| 6 The Tower of the Winds            | 23 The Acropolis from the South  | 40 National Museum, Vases, &c.     |
| 7 Entrance to the Acropolis         | 24 Theatre of Bacchus (Dionysos) | 41 National Museum, Tomb reliefs   |
| 8 The way up to the Propylæa        | 25 View of Orchestra and Stage   | 42 Athens from Mount Lycabette     |
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| 10 West front of the Parthenon      | 27 Arch of Hadrian               | 44 The Temple of Theseus           |
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| 12 Parthenon from North East        | 29 The Acropolis from the East   | 46 The Piræus, New Phaleron        |
| 13 Portico of the Caryatides        | 30 Place de la Constitution      | 47 The Bay of Phaleron             |
| 14 The Erechtheion Temple           | 31 Garden in front of Palace     | 48 The Piræus and Port of Zea      |
| 15 North Portico of the Erechtheion | 32 The Royal Palace, South front | 49 The Piræus, general view        |
| 16 North general View of Athens     | 33 Rue de Hermes                 | 50 The Quay and Harbour of Piræus  |
| 17 Athens and Mount Lycabette       | 34 Old Church of Kapnikarea      |                                    |

## FROM LONDON TO MONT BLANC.

With Lecture.

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| 2 Paris—Gare de l'Est      | 24 Rosenlani and the Wetterhorn      | 40 Argentiere — Village and Glacier. |
| 3 Map of the route         | 25 Interlaken and the Jungfrau       | 41 Chamounix and Mont Blanc          |
| 4 Basle                    | 26 Valley of Lauterbrunnen.          | 42 Mer de Glace from Montanvert      |
| 5 Schaffhausen             | 27 Grindelwald                       | 43 Crossing the Mer de Glace         |
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| 7 Zurich                   | 29 Grindelwald—Gorge of the Lutchine | 45 Mont Blanc from the Jardin        |
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| 13 Train up the Rigi       | 35 Gorner Glacier                    | 51 Geneva and Mont Blanc             |
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| 20 Falls of Handek         |                                      |                                      |
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## JAPAN;

or, a Visit to the Land of the Rising Sun.

With Reading.

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| 2 The Lord's Prayer, &c., in Japanese       | 21 The Foreign Settlement at Kobé          | 36 Entrance to a Buddhist Temple, Kiyoto   |
| 3 A Master giving orders to his Servant     | 22 Settlement at Kobé, from the sea        | 37 Two Buddhist Priests                    |
| 4 A group of seven Girls                    | 23 The Native Town and Harbor of Kobé      | 38 A Group of Beggars praying              |
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| 6 Interior of a Room; Japanese sleeping     | 25 Images of Shaka and his Six Apostles    | 40 An Ox carrying Tea                      |
| 7 A Group of Women and Four Children        | 26 A Group of Coolies, carrying Provisions | 41 A Bullock Cart of Kiyoto                |
| 8 A Carpenter and his Tools                 | 27 A Well and Washing Boys                 | 42 A Group of Music Girls                  |
| 9 A Jin-riki-sha, means of conveyance       | 28 A new light iron Bridge at Osaka        | 43 A Collection of Musical Instruments     |
| 10 A Betto, or Groom, tattooed              | 29 The Temple (Buddhist) of Tennoji        | 44 Posturing and Dancing Girls             |
| 11 A Farm-house; sifting and threshing rice | 30 A peculiar Native Bridge at Sumi-Yoshi  | 45 A Kugé, or Court Noble                  |
| 12 A Hand-cart and Coolies                  | 31 A Daimio entering his Norimono          | 46 The Town of Otsu, on Lake Biwa          |
| 13 A Wayside Tea-house                      | 32 An Actor and Actress                    | 47 A little Shrine on Ishi-yama, near Otsu |
| 14 A Ferry and Ferry-boat                   | 33 A great Bronze Bell at Dai-butsu        | 48 A Japanese Boat Family                  |
| 15 A great Bronze Idol of Amida             | 34 Entrance Gateway to a Temple            | 49 The City and Harbor of Nagasaki         |
| 16 A Group of Three Ainos, the Aborigines   |  | 50 The Entrance to Nagasaki Harbor         |
| 17 Japanese Pipe Merchant                   |  |  |
| 18 Asakusa Temple Grounds                   |  |  |
| 19 Two Samurai, or Retainers of a Prince    |  |  |



## A VISIT TO HOLLAND.

Illustrated by a series of Fifty Photographs.

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| 1 Holland from the Steamer                 | 18 Scheveningen—The Beach (Summer)             | 36 Amsterdam—Damrak—The Street           |
| 2 Rotterdam—The Boompjes                   | 19 Leyden—The Town Hall                        | 37 Amsterdam—Landing the Morning Milk    |
| 3 Rotterdam—The Leuve Haven Canal          | 20 Haarlem—Cathedral and Market Place          | 38 A Volendam Fisherman, North Holland   |
| 4 Rotterdam—The Oude Haven Canal           | 21 Windmill near Haarlem                       | 39 Amsterdam—View on the Singel Canal    |
| 5 Rotterdam—Old House in the Market Place  | 22 Almaar Town Hall and Canal                  | 40 Amsterdam—Flower Market on the Singel |
| 6 Rotterdam—The Spuiwater Canal            | 23 A Rustic Cart, drawn by Dogs                | 41 Montel Baens Tower, Amsterdam         |
| 7 Rotterdam—The Delfschevert Canal         | 24 A North Holland Farm                        | 42 Amsterdam—Old Weigh House and Market  |
| 8 Rotterdam—The Flower Market              | 25 One of the North Holland Dog Carts          | 43 Amsterdam—The Fish Market Quay        |
| 9 A Peasant Woman's Head-dress             | 26 Hoorn—The Harbor, &c.                       | 44 Amsterdam—The Great Church and Street |
| 10 Dordrecht—A Bit of Dordt (Canal View)   | 27 Hoorn—The Old Water Gate                    | 45 Amsterdam—The River Amstel            |
| 11 Dordrecht—The Cathedral                 | 28 Marken—The Village from the Harbor          | 46 Amsterdam—The Vegetable Market        |
| 12 Dordrecht—A Wind Saw Mill               | 29 Street in Marken—The Little Boys            | 47 Zaanadam—From the Harbor              |
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| 14 Delft—The East Gate (Oos Port)          | 31 A Family Group of Marken People             | 49 Utrecht—Cathedral Tower and Town Hall |
| 15 Scheveningen—The Village Street         | 32 Marken Men and Girls in Holiday Attire      | 50 Utrecht—Houses along the Old Canal    |
| 16 Scheveningen—From the Lighthouse        | 33 Marken Girls and Boys in their Best Clothes |  |
| 17 Scheveningen—Fishing Boats on the Beach | 34 Amsterdam—From the Harbor                   |  |
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## WANDERINGS IN BIBLE LANDS.

With Reading.

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| 2 Pyramids and Sphinx                      | 20 Road to Herod's Palace                  | 38 Jacob's Well                |
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| 4 Karnak                                   | 22 Church of the Holy Sepulchre (Interior) | 40 Nazareth                    |
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| 6 Hebron—Group of Bedouins                 | 24 Damascus Gate                           | 42 Cana in Galilee             |
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| 8 Dead Sea                                 | 26 Garden of Gethsemane                    | 44 Capernaum                   |
| 9 Convent of Mar Saba                      | 27 Scene of the Betrayal                   | 45 Tyre                        |
| 10 Rachel's Tomb                           | 28 Field of Aeldama                        | 46 Sidon                       |
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| 13 Bethiehem—Church of Nativity (Interior) | 31 Tomb of St. James                       | 49 Baalbek—The Acropolis       |
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| 15 Jericho                                 | 33 Tomb of the Kings                       | 51 Smyrna                      |
| 16 Bethany                                 | 34 Pool of Siloam                          | 52 Ephesus                     |
| 17 Jerusalem from Olivet                   | 35 Ramleh                                  | 53 Athens                      |
| 18 Mosque of Omar                          | 36 Joppa                                   | 54 Rome—The Arch of Titus      |

## THE SIGHTS OF ROME.

With Reading.

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| 1 Piazza del Popolo, Rome             | 19 St. John Lateran, the East Front                      | 35 The Capitol and Forum, from Palantine   |
| 2 Piazza Colonna                      | 20 The Colosseum, Exterior                               | 36 North Side of the Roman Forum           |
| 3 The Pantheon                        | 21 Interior of the Colosseum                             | 37 The Stadium on the Palantine            |
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| 6 St. Peter's, the Exterior           | 24 Baths of Caracalla                                    | 40 Arch of Titus                           |
| 7 Interior of St. Peter's             | 25 The Appian Way, Outside Rome                          | 41 Temple of Castor and Pollux             |
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| 9 The Bronze Canopy and Tribune       | 27 Chapel of Marliri Maximo, S. Sebastino                | 43 Temple of Saturn                        |
| 10 Confessional and Tomb of St. Peter | 28 Catacombs S. Calixtus, S. Cecilias Chapel             | 44 Arch of Septimus Severtis               |
| 11 Exterior of the Vatican            | 29 Chapel of Pope Marcellinus, Catacombs of St. Calixtus | 45 View through the Arch of Severius       |
| 12 The Sistine Chapel, Vatican        | 30 Catacombs of St. Agnese                               | 46 The Mammertine Prison                   |
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| 14 Vatican Gallery of Statues         | 32 Church of St. Paulo                                   | 48 Capuchin Monks Campo Santo              |
| 15 Saloon of the Candelabra, Vatican  | 33 The Cloisters of St. Paulo                            | 49 Church of the Jesuits, Interior         |
| 16 Rome, from St. Pietro di Montorio  | 34 Buildings of Caligula, Palantine Hill                 | 50 The Quirinale Palace                    |
| 17 Forum of Trajan                    |  |  |
| 18 St. Clement's Church, Interior     |  |  |

## THE BAY OF NAPLES.

With Reading.

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| 1 The Bay of Naples from Posilipo          | 17 Church of St. Francesco di Paulo      | 35 A Wine Shop of Herculaneum             |
| 2 St. Elmo and Entrance to Villa Nazionale | 18 The Toledo at mid-day                 | 36 Herculaneum Theatre, Underground       |
| 3 St. Lucia, from Hotel du Rome            | 19 A Side Street of the Toledo           | 37 The Observatory on Mount Vesuvius      |
| 4 A Street Group of the Natives            | 20 Street Public Letter Writers          | 38 The Vesuvius Railway                   |
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| 6 Posilipo, from the Shore                 | 22 Strada del Molo and St. Martino       | 40 Pompeii, Columns of Temple of Venus    |
| 7 Strada di Piedigrotto                    | 23 Naples and Vesuvius, from St. Martino | 41 A Private House in Pompeii             |
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| 10 Pozzuoli, near Naples                   | 26 Strada Medina, Naples                 | 44 Sorrento, from the South               |
| 11 Ruins of Ancient Pier, Puteoli          | 27 Strada di Porto, Naples               | 45 Sorrento, from the Massa Road          |
| 12 The Amphitheatre, Pozzuoli              | 28 Street Scene, Cooking Omellets        | 46 The Blue Grotto of Capri               |
| 13 Entrance to the Theatre, Pozzuoli       | 29 Strada Nuovo, Naples                  | 47 The Landing Place of Capri             |
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| 15 Temple of Venus, Baja                   | 31 Gardens, Villa del Popolo             | 49 Capri, the Roads to Anacapri           |
| 16 The Royal Palace, Naples                | 32 Naples from the Shore                 | 50 Capri Bay, from the Marina             |
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|  | 34 Herculaneum, General View of Ruins    |   |



## POMPEII, PAST AND PRESENT.

Including a few Pictures from drawings, showing the Houses and Temples as they appeared before the destruction of the City.

With Reading.

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| 3 The Basilica, or Hall of Justice        | 19 House of Cornelius Rufo                 | 36 The Poet's House—restored               |
| 4 The Temple of Apollo                    | 20 General View of Pompeii                 | 37 Frescoes inside of a room               |
| 5 The Forum from the South                | 21 The Ampitheatre, general view           | 38 A Mosaic and shell fountain             |
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| 7 Columns of the Temple of Jupiter        | 23 A Baker's Oven and Mills                | 40 Interior of the House of Pansa—restored |
| 8 South end of the Forum—restored         | 24 House of Marcus Lucretius               | 41 Statue of Diana                         |
| 9 Street of Abundance                     | 25 The Street of Nola                      | 42 House of Sallust                        |
| 10 A Street Fountain—restored             | 26 A Wine Shop in the Street of Nola       | 43 Bronze Ornaments and Money Chests       |
| 11 House of Holconius                     | 27 A Wine and Provision Shop—restored      | 44 Gate of Herculaneum                     |
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| 13 View of the Large Theatre              | 29 House of the Chase                      | 46 Seat of Mamia, outside the gate         |
| 14 The Small Theatre, from the stage      | 30 House of the Fawn                       | 47 The Street of Tombs                     |
| 15 Temple of Isis                         | 31 House with Columns—restored             | 48 Villa of Diomedea                       |
| 16 Temple of Æsculapius                   | 32 The Street of Fortune                   | 49 A Portico and Inner Garden—restored     |
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## THE GREAT PYRAMID.

(From direct negatives.) By Prof. PIAZZI SMYTH.

- |   |   |
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| 1 New Excavations of King Shafre's Granite Tomb.                        | 26 Alec Dobre, Pyramid Arab and Guide, at East Tombs.                             |
| 2 Second Pyramid, from the Libyan Desert.                               | 27 Vertical Section of Great Pyramid, as engraved for Rl. Observatory, Edinburgh. |
| 3 Second and Third Pyramids.  | 28 The Great Pyramid and the Remains of the Old Causeway thereto.                 |
| 4 Entrance Passage of King Shafre's Tomb.                               | 29 The North-East Corner of the Great Pyramid.                                    |
| 5 Alec Dobre cogitating in King Shafre's Tomb.                          | 30 The Palm Trees of Egypt.   |
| 6 Well Chamber of King Shafre's Granite Tomb at 4 min. to 12.           | 31 The Eastern and Northern Faces of the Great Pyramid.                           |
| 7 Well Chamber of King Shafre's Granite Tomb at 12.                     | 32 The Northern or Entrance Face of the Great Pyramid.                            |
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| 9 The Western Aisle of King Shafre's Granite Tomb.                      | 34 Alec Dobre, Pyramid Arab, at East Tombs, Pyramid Hill.                         |
| 10 The Great Sphinx.  | 35 The Close of the day at the Pyramid Hill.                                      |
| 11 Coffin in King's Chamber of Great Pyramid.                           | 36 The Day Guard at East Tombs.   |
| 12 Coffin in King's Chamber of Great Pyramid, and Ghosts of Arabs.      | 37 The Second Pyramid from King Shafre's Granite Tomb.                            |
| 13 The Broken South-East Corner of Coffin in King's Chamber.            | 38 All the Pyramids of Jeezeh, from the South.                                    |
| 14 Base of Niche in the Queen's Chamber, Great Pyramid.                 | 39 The Southern Hill, and Three-Tree Valley.                                      |
| 15 Mouth of Entrance Passage leading into Great Pyramid.                | 40 The Corner-Stone Socket, North-East Corner.                                    |
| 16 The Third and Fifth Pyramids of Jeezeh.                              | 41 The South-East Corner Socket—Hole of the Great Pyramid.                        |
| 17 North Front of Great Pyramid.  | 42 South-West Socket—Hole of the Great Pyramid.                                   |
| 18 Mouth of the Entrance Passage, Side View of.                         | 43 The North-West Socket—Hole of the Great Pyramid.                               |
| 19 The Angle Stones over the Mouth of the Entrance Passage.             | 44 The North-East Socket, repeated, but with measuring rods.                      |
| 20 Ibrahim, the Cook, at the door of his Tomb Kitchen.                  | 45 The Great Pyramid and its Hill of Rifled Tombs.                                |
| 21 Sand Slope leading to West Entrance into King Shafre's Granite Tomb. | 46 Part of the Western Excavated Enclosure of the Second Pyramid.                 |
| 22 Side View of Beginning of Slope, Entrance Passage.                   | 47 Abdul Samud, Sheik of the Northern Pyramid Village.                            |
| 23 Distant View of the Great Pyramid and the Second Pyramid.            | 48 Engraved Vertical Section of King's Chamber and Howard Vyse's Chambers.        |
| 24 A Portion of the Granite Casing in situ of the Third Pyramid.        |   |
| 25 A Burial Cave in the East Side of the Great Pyramid Hill.            |   |

## PICTURESQUE SCENERY OF DEVONSHIRE.

### 50 Views.

Barnstable, the Old Bridge.	Lydford Waterfall.
Lynmouth, from the Footpath.	Plymouth, View from the Hoe.
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Woodside Cottage and Bridge, River	Fishing Boat Sailing out of Harbor.
Lyn.	Plymouth, the Guildhall.
The Falls at Watersmeet, River Lyn.	Ivybridge, View on the River Erme.
Lyn Cliff and Lynmouth.	Totnes, the High Street.
Lynton, the Village.	Berry, Pomeroy Castle.
Valley of Rocks, Lynton.	"    "    "    (Interior).
Castle Rock, near Lynton.	Dartmouth and the Harbor.
Ilfracombe from Hillsborough.	View up the Dart from Dartmouth.
"    Capstan Hill.	Kingswear from Dartmouth.
Beach at Ilfracombe.	Brixham, the Harbor, etc.
Bideford from Fort Hill.	Brixham Trawlers.
Westward Ho! from the Pebble Bridge.	Berry Head from South Port.
Clovelly from the Pier.	Torquay and the Harbor.
Street in Clovelly, looking up.	"    from the Warren.
"    "    "    down.	Natural Arch, Torquay.
Cliffs and Beach at Clovelly.	Anstis Cove, near Torquay.
Torrington, from the Castle Hill.	Babbacombe Bay and Beach.
Okehampton, General View.	Teignmouth, General View.
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Piemont, from the Sands.	Jerboung Point, from Petite Point.
Greve de Lecq, from the Heights.	Water Lane, St. Martin's.
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 Road from the Harbor, Sark.  
 The Coupé, Sark.  
 Gouliot Rocks and Caves.  
 A Sark Well.

Isle of Marchands, or Brechou.  
 Moie de Moulin and the Autelets.  
 Natural Arch, Moie de Moulin.  
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 " on the Loen-Vand.  
 Geiranger Fjord, the Knivslaafosse.  
 Waterfall on the Geiranger Fjord.  
 View up the Geiranger Fjord.  
 Söndmore, Near Fibelstad-Hougen.  
 " Fibelstad-Hougen.  
 " Pass to Oie, and the Oienibba.  
 " Oie and Norangsdal.  
 " On Pass, Orstenvik to Standal.  
 " Standal, and the Hjorendfjord.  
 Molde and Moldefjord, from the Ræk-  
 næshaug.  
 Molde, from one of the Islands.  
 Molde and Moldefjord from the Varde.  
 Romsdal, Hotel Aak and the Romsdal-  
 shorn.

Romsdal, the Trolltinder.  
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 " near Horgheim.  
 " the Vermofos.  
 Jotunheim, the Semmeltind.  
 " Gjendeod and Svartdalspig.  
 " Group at Gjendeod.  
 " Gjendeod from Svartdal.  
 " Eldsbugaden.  
 " from the Skinegg looking W.  
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 " the Afdalfos, near Vetti.  
 " the Gjellefos, near Vetti.  
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 vangen.  
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 London.  
 Gibraltar  
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 Group on Board the "Cuzco."  
 Diego Garcia.  
 Group on Diego.  
 New Plymouth, New Zealand.  
 Wharè.  
 Group.

Bush.  
 "Chapman's" (Bush and River).  
 Bush.  
 Maori Girls.  
 Auckland Harbor.  
 Tauranga.  
 White Terrace (A.)  
 " " (B.)  
 " " (C.)  
 " " (D.)  
 " " (E.) Mud Hills.  
 Pink " (F.)  
 " " (G.)  
 " " (H.)  
 Tiki-teri.

White Island.  
 Group of Maories.  
 "Sugar Loaves," New Plymouth.  
 Sea Piece.  
 Parihaka, Maori Capital.  
 Wellington.  
 Auckland, from North Shore.  
 Waiwera.  
 Trees at Honolulu.  
 Hotel at "  
 View from Tower of Hotel.  
 Palace, Honolulu.  
 San Francisco.  
 At Clarke's, California.  
 Grizzly Giant.

Wawona—Big Tree.  
 Mist in the Yosemite.  
 From Photographer's Point.  
 Merced River.  
 Mirror Lake.  
 North Dome and River Merced.  
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 He found himself in a large, dark cavern.  
 A thick cloud rolled gradually away.  
 A crowd of little children were gathered  
 round.  
 He was wet and weary.  
 Then he sat down to his meal.

The fairest and youngest child lay dying.  
 The father and mother were old and  
 helpless now.  
 The few who yet survived then knelt by  
 their tomb.  
 A rich and beautiful landscape was dis-  
 closed.  
 Lying at full length on the tombstone.  
 The lantern, the spade, and the wicker  
 bottle.  
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 She saw a gallant ship.  
 She sank to her knees and made.  
 Angel effect. Take though my boy.  
 The snow lay deep.  
 Stood the old gray church.  
 And grasped the rope, sole cord of hope.

And then it ceased its ringing.  
 Midst the breakers.  
 Saved from the wreck.  
 Within the silent, darkened room.  
 Sinks fainting on the ground.  
 He finds her lying there.  
 'Tis Harry Conquest.  
 The suffering boy, her darling boy.

*No. 5, angel effect, repeated with No. 16.*



## NEW YORK CITY.

No.

- 1 Ocean Steamer.
- 2 New York, looking South.
- 3 New York, looking North.
- 4 New York, looking East.
- 5 New York, looking West.
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- 7 Castle Garden.
- 8 Produce Exchange.
- 9 Mills Building.
- 10 Wall Street.
- 11 Treasury, Washington Statue.
- 12 The Stock Exchange.
- 13 Post-Office.
- 14 Broadway, from Post-Office.
- 15 City Hall.
- 16 Court House.
- 17 The Tombs.
- 18 Elevated Railway and Cooper Institute.
- 19 New York University.
- 20 Public Schools.
- 21 Broadway, from Stewart's.
- 22 Fifth Avenue Hotel.
- 23 Fifth Avenue.
- 24 Florence Flats.
- 25 Stewart's House.

No.

- 26 Union League Club.
- 27 Jewish Synagogue.
- 28 St. Patrick's Cathedral.
- 29 Vanderbilt Mansion.
- 30 Columbia College.
- 31 The Mall, Central Park.
- 32 The Lake, Central Park.
- 33 The Terrace, Central Park.
- 34 The Egyptian Obelisk, Central Park.
- 35 Highbridge Aqueduct.
- 36 Elevated Railroad.
- 37 Oyster Market.
- 38 West Bridge.
- 39 Dust Barge.
- 40 Canal Barges.
- 41 River Steamer.
- 42 River Steamer, Interior.
- 43 Brooklyn Bridge.
- 44 Brooklyn Bridge Footway.
- 45 Fulton Ferry Boat.
- 46 Fulton Ferry House.
- 47 Brooklyn Court House and City Hall.
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- 49 Morse's Monument.
- 50 Soldier's Monument.

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- 2 Venice from St. Mark's Tower.
- 3 The Clock Tower, Grand Piazza.
- 4 St. Mark's Cathedral, from the Piazza.
- 5 St. Mark's Cathedral, Northwest Corner.
- 6 The Bronze Horses of St. Mark's.
- 7 Interior of St. Mark's Cathedral.
- 8 The Rood Screen, St. Mark's.
- 9 St. Mark's Cathedral, from the Ducal Palace.
- 10 Bronze Wells, Ducal Palace.
- 11 Ducal Palace, the Inner Facade.
- 12 Tame Pigeons of St. Mark's.
- 13 The Giant Stairs, Ducal Palace.
- 14 Ducal Palace, the Canal Front.
- 15 The Bridge of Sighs.
- 16 The Vine Angle of the Ducal Palace.
- 17 The Granite Columns on the Piazzetta.
- 18 The Winged Lion of St. Mark's.
- 19 The Riva degli Schiavoni.
- 20 A Venetian Street, and Leaning Campanile.

- 21 St. Zaccaria Church.
- 22 The Arsenal, entrance.
- 23 The Public Gardens, Venice.
- 24 St. Giorgio from the Piazzetta.
- 25 Venice from St. Giorgio Campanile.
- 26 Eastern Venice from St. Giorgio.
- 27 The Cavalli Palace, Grand Canal.
- 28 The Grand Canal, from the Iron Bridge.
- 29 Church of S. Maria della Salute.
- 30 Quay and Canal from della Salute Church.
- 31 Group of Women at a Well.
- 32 The Foscari Palaces, Grand Canal.
- 33 The Ponte Rialto.
- 34 Grand Canal, from Ponte Rialto.
- 35 Grand Canal, South of the Rialto.
- 36 The Market, from Ponte Rialto.
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27. Joseph sold by his Brethren to the Midianites. Gen. xxxvii, 28.
28. Joseph's bloody coat shown to Jacob. Gen. xxxvii 33, 34.
29. Joseph interprets the Dreams of the Butler and Baker. Gen. xl, 8.
30. Joseph interprets Pharaoh's Dream. Gen. xli, 16.
31. Simeon detained by Joseph. Gen. xlii, 24.
32. Joseph makes himself known to his Brethren. Gen. xlv, 3.
33. Joseph meets his Father in Goshen. Gen. xlv, 29.
34. Jacob blesses his Twelve Sons. Gen. xlix, 2.
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| 61. Adam and Eve in Paradise. <i>Gosse.</i>                  | 73. Jephthah's Daughter meeting her Father. <i>Glaize.</i> |
| 62. The Sacrifice of Noah. <i>MacIise.</i>                   | 74. Samson betrayed by Delilah. <i>Schopin.</i>            |
| 63. Rebecca at the Well. <i>Schopin.</i>                     | 75. David returns Conqueror of Goliath. <i>Schopin.</i>    |
| 64. Eleazar in the House of Bethuel. <i>Schopin.</i>         | 76. David in camp of Saul. <i>Schopin.</i>                 |
| 65. Arrival of Rebecca. <i>Schopin.</i>                      | 77. Saul and the Witch of Endor. <i>Alston.</i>            |
| 66. Jacob waters the Flocks of Rachel. <i>Glaize.</i>        | 78. The Judgment of King Solomon. <i>Schopin.</i>          |
| 67. Joseph sold by his Brothers. <i>Schopin.</i>             | 79. Solomon's Reception of Queen of Sheba. <i>Schopin.</i> |
| 68. Joseph's bloody coat brought to Jacob. <i>Schopin.</i>   | 80. Espousal of Esther by Ahasuerus. <i>Schopin.</i>       |
| 69. Joseph meets his Father in Goshen. <i>Schopin.</i>       | 81. Esther implores Ahasuerus. <i>Schopin.</i>             |
| 70. Moses saved by Pharaoh's Daughter. <i>Schopin.</i>       | 82. Jeremiah weeping over Jerusalem. <i>Bendeman.</i>      |
| 71. Moses assisting the Daughters of Jethro. <i>Schopin.</i> | 83. The Feast of Belshazzar. <i>Schopin.</i>               |
| 72. Pharaoh's host drowned in Red Sea. <i>Schopin.</i>       | 84. Daniel in the Lions' Den. <i>Zeigler.</i>              |

LIFE OF OUR SAVIOUR.

- |   |   |
|---|---|
| 85. The Annunciation of the Virgin. <i>Jalabert.</i>    | 102. Christ raising the daughter of Jarius. <i>Richter.</i>   |
| 86. The Angel appearing to the Shepherds. <i>White.</i> | 103. Christ walking on the Waters. <i>Jalabert.</i>           |
| 87. Holy Night. <i>Correggio.</i>                       | 104. The Miracle of the Loaves. <i>Dubufe.</i>                |
| 88. The Magi guided by the Star. <i>Portaels.</i>       | 105. The Transfiguration. <i>Raphael.</i>                     |
| 89. Adoration of Magi. <i>Veronese.</i>                 | 106. Parable of Prodigal Son, Carousal. <i>Dubufe.</i>        |
| 90. The Presentation in the Temple. <i>Dowling.</i>     | 107. Parable of Prodigal Son, Swineherd. <i>Dubufe.</i>       |
| 91. The Flight into Egypt. <i>Portaels.</i>             | 108. Parable of Prodigal Son, Return. <i>Dubufe.</i>          |
| 92. The Shadow of the Cross. <i>Morris.</i>             | 109. Christ blessing the Little Children. <i>Bida.</i>        |
| 93. The Return to Nazareth. <i>Dobson.</i>              | 110. Mary Magdalen washing the feet of Jesus. <i>Barrias.</i> |
| 94. Jesus disputing with the Doctors. <i>Hunt.</i>      | 111. Christ and the Rich Young Man. <i>Lejeune.</i>           |
| 95. Miraculous Draught of Fishes.                       | 112. The Parable of the Lilies. <i>Lejeune.</i>               |
| 96. The Baptism of Christ. <i>Wood.</i>                 | 113. Christ, the Outcast of the People. <i>Herbert.</i>       |
| 97. Christ tempted by the Devil. <i>Scheffer.</i>       | 114. Christ's Entry into Jerusalem. <i>Dubufe.</i>            |
| 98. Christ and the Samaritan Woman. <i>Herbert.</i>     | 115. The poor Widow's Two Mites. <i>Barrias.</i>              |
| 99. Christ preaching on Sea of Galilee. <i>Hoffman.</i> | 116. Christ's Charge to Peter. <i>Raphael.</i>                |
| 100. The Sermon on the Mount. <i>Debuse.</i>            |   |
| 101. Christ healing the Sick. <i>West.</i>              |   |



No.	No.
117. Christ weeping over Jerusalem. <i>Eastlake.</i>	125. The Descent from the Cross. <i>Rubens.</i>
118. The Last Supper. <i>De Vinci.</i>	126. The body of Christ laid in the Tomb. <i>Jalabert.</i>
119. The Agony in the Garden. <i>Scheffer.</i>	127. The Marys at the Tomb. <i>Schleh.</i>
120. Christ before Pilate. <i>Munkacsy.</i>	128. The Resurrection of Christ. <i>Ramberg.</i>
121. Christ bearing the Cross. <i>Veronese.</i>	129. First Easter Dawn. <i>Thomson.</i>
122. Christ arriving at Mount Calvary. <i>Steuben.</i>	130. Easter Morning. <i>Plockhorst.</i>
123. The Crucifixion. <i>Munkacsy.</i>	131. The Journey to Emmaus. <i>Roberts.</i>
124. Golgotha, "It is finished." <i>Gerome.</i>	132. The Ascension of Christ. <i>Gleyre.</i>

### Stations of the Cross.

Station 1.—Jesus condemned to Death.— S. Luke xviii, 24.	Station 8.—Jesus consoles the Women of Jerusalem.—S. Luke xxiii, 28.
Station 2.—Jesus is laden with the Cross. —S. John xix, 17.	Station 9.—Jesus falls beneath His Cross the third time.—Psalm xxii, 15.
Station 3.—Jesus falls the first time under the weight of the Cross.—Isaiah liii, 7.	Station 10.—Jesus is stripped of His garments, and is given gall to drink. —Psalm xxii, 15.
Station 4.—Jesus meets His most Holy Mother.—S. John ii, 1.	Station 11.—Jesus is nailed to the Cross. —S. Luke xxiii, 33.
Station 5.—Jesus is helped by the Cyre- ean to carry His Cross.—S. Luke xxiii, 26.	Station 12.—Jesus is raised on the Cross and dies upon it.—S. John xix, 30.
Station 6.—Veronica wipes the face of Jesus.—Psalm xxvii, 8.	Station 13.—Jesus taken down from the Cross.—S. Mark xv, 46.
Station 7.—Jesus falls beneath His Cross the second time.—Psalm xxxviii, 7.	Station 14.—Jesus laid in the Holy Sep- ulchre.—S. John xix, 42.

### Life of Moses.

1. Striking the Rock.	9. Finding of Moses.
2. Jethro bringing his Wife and Chil- dren.	10. Slaying the Egyptian.
3. Coming down from the Mount.	11. The Burning Bush.
4. Destroying the Golden Calf.	12. Returning to Egypt.
5. The Rebellion of Korah.	13. Before Pharaoh.
6. Lifting up the Serpent.	14. Plague of Locusts.
7. Spoiling of the Midianites.	15. Slaying the First-born.
8. Viewing the Promised Land from Pisgah.	16. The Departure from Egypt.
	17. The Red Sea
	18. Miriam.

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## PILGRIM'S PROGRESS.

From "The Art Journal" Illustrations.

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| 1 The Genius of Art delineating Bunyan's Dream.                   | 14 Christian and Faithful mocked by the Scorners of Vanity Fair.       |
| 2 Christian meditates his Departure.                              | 15 The Destruction of By-ends and his Companions.                      |
| 3 Christian is met by Evangelist.                                 | 16 Christian and Hopeful are seized by the Giant Despair.              |
| 4 Pliable consents to bear Christian company.                     | 17 Christian and Hopeful Escape from the Giant Despair.                |
| 5 Christian and Pliable fall into the Slough of Despond.          | 18 Christian and Hopeful are shown the Entrance to the Bottomless Pit. |
| 6 Christian's Danger beneath Mount Sinai                          | 19 Christian and Hopeful behold the Fate of the Apostate.              |
| 7 Christian is released from his Burthen of Sin.                  | 20 Christian and Hopeful arrive at the Waters of Death.                |
| 8 Christian endeavors to awake Sloth, Ignorance and Presumption.  | 21 Christian and Hopeful pass the Waters of Death.                     |
| 9 Christian is met by Fear and Mistrust.                          | 22 Christian and Hopeful ascend into the Celestial City.               |
| 10 Christian combats with Apollyon.                               |  |
| 11 Christian vanquishes Apollyon.                                 |  |
| 12 Christian prepares to enter the Valley of the Shadow of Death. |  |
| 13 The Meeting of Christian and Faithful.                         |  |

## CURFEW MUST NOT RING TO-NIGHT.

Reading by Rosa Hartwick Thorpe. \$10.00.

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| No.                                       | No.   |
| 1. Introductory Design, with Title.       | 7. Bessie clinging to the Bell and swinging to and fro (Lever Slide). |
| 2. Country Landscape, with Sunset Effect. | 8. The Sexton Ringing the Bell.                                       |
| 3. Bessie walking with the Sexton.        | 9. Bessie pleading to Cromwell to spare her Lover.                    |
| 4. The Sexton refuses Bessie's request.   | 10. Release of Basil Underwood. The Lovers' meeting.                  |
| 5. Bessie climbing the Belfry stairs.     |   |
| 6. Bessie reaches the Bell.               |   |

## Little Jim the Collier Boy.

By E. FARMER. WITH LECTURE, \$3.00.

- |  |  |                                   |
|--|--|-----------------------------------|
| No.                                      | No.  | No.                               |
| 1. The Cottage was a thatched one.       | 3. With gentle, trembling haste, she held. | 5. He knew that all was over.     |
| 2. With hands uplifted, see, she kneels. | 4. The Cottage door was opened.            | 6. His quivering lips gave token. |



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## Uncle Tom's Cabin.

AND READING.

- |   |   |
|---|---|
| No.   | No.   |
| 1. George Harris taking leave of his Wife.    | 7. George Harris resisting the Slave Hunters. |
| 2. An Evening in Uncle Tom's Cabin.           | 8. Eva and Topsy.                             |
| 3. Escape of Eliza and Child on the ice.      | 9. Eva reading to Uncle Tom.                  |
| 4. Uncle Tom sold and leaving his family.     | 10. Eva's dying farewell.                     |
| 5. Eva St. Clair makes a friend of Uncle Tom. | 11. Legree's Cruelty to Uncle Tom.            |
| 6. Uncle Tom saves Eva from drowning.         | 12. Death of Uncle Tom.                       |

## Rip Van Winkle.

With Reading.

BY WASHINGTON IRVING. SEVEN ILLUSTRATIONS OF THE ROMANCE, AND FIVE VIEWS FROM NATURE OF THE CATSKILL MOUNTAINS, THE HAUNTS OF RIP VAN WINKLE.

- |  |   |                                 |
|--|---|---------------------------------|
| No.                                    | No.   | No.                             |
| 1 Dame Van Winkle expressing her mind  | 4 Rip Van Winkle waiting upon the strange company | 8 Sunset Rock, Catskill         |
| 2 Rip Van Winkle's perfect contentment | 5 Rip Van Winkle after his long sleep             | 9 The Catskill Water Fall       |
| 3 Derrick Van Bummil reading the news  | 6 Rip Van Winkle relating his story               | 10 The Cascades of the Catskill |
|  | 7 The Haunts of Rip Van Winkle                    | 11 Bastion Falls, Catskills     |
|  |   | 12 Cascade Profile Rock         |

## Life of Washington.

Finely Colored.

- |                                      |  |
|--------------------------------------|--|
| 1 The Cherry Tree Incident.          | 5. The Prayer at Valley Forge.         |
| 2 Young Washington as a Peacemaker.  | 6. The Inaugural Address of Washington |
| 3 Courtship of Washington.           | 7. Lafayette at Mount Vernon.          |
| 4. Washington Crossing the Delaware. | 8. Last Moments of Washington.         |

## Series X.—INTEMPERANCE.

### Ten Nights in a Bar-Room.

1. The arrival at the "Sickle and Sheaf."
2. Joe Morgan's little Mary begs him to come home.
3. Slade throws a glass at Joe Morgan and hits Mary.
4. Joe Morgan suffering the horrors of Delirium Tremens.
5. Death of Joe Morgan's little Mary.
6. Frank Slade and Tom Wilkins riding off on a spree.
7. Willie Hammond is induced by Harvey Green to gamble.
8. Harvey Green stabs Willie Hammond to death.
9. Quarrel between Slade and his son Frank.
10. Frank Slade kills his father with a bottle.
11. Meeting of the Citizens in the Bar-Room.
12. The Departure from the "Sickle and Sheaf"

## The Stomach of the Drunkard in its different Stages of Disease.

PER SLIDE, \$1.50.

- | No.   | No.   |
|---|---|
| 1. Appearance of the Stomach of a Temperance Man.     | 5. Appearance of the Stomach of a Hard Drinker.                       |
| 2. Appearance of the Stomach of the Moderate Drinker. | 6. Appearance of the Stomach of a Habitual Drunkard.                  |
| 3. Appearance of the Stomach of a Drunkard.           | 7. Appearance of the Stomach of a Drunkard on the verge of the grave. |
| 4. Appearance of the Stomach after a Debauch.         | 8. Appearance of the Stomach during Delirium Tremens.                 |

## The Drunkard's Career and End.

Beautifully Colored Photographs of Fine Engravings.

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|---|---|
| 1. Domestic Happiness. The greatest of earthly blessings. | 7. The Cold Shoulder by Old Friends.                      |
| 2. The Temptation. "Lead me not into temptation."         | 8. Rumseller's Gratitude. Rejection instead of Injection. |
| 3. Introduction of Sorrow. A loving heart made sad.       | 9. Poverty and Want.                                      |
| 4. The Rum-hole. A substitute for home.                   | 10. Robbery and Murder. The result of drunkenness.        |
| 5. Rum instead of Reason.                                 | 11. Mania-a-potu. The horror of horrors.                  |
| 6. Degraded Humanity.                                     | 12. The Death that precedes Eternal Death.                |

## The Bottle.

Eight Beautifully Colored Photographs of Fine Engravings.

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- |  |   |
|--|---|
| 1. The bottle is brought out for the first time. The husband induces his wife "just to take a drop."                           | 5. Cold, misery, and want destroy their youngest child. "They console themselves with the bottle."  |
| 2. He is discharged from his employment for drunkenness. "They pawn their clothes to supply the bottle."                       | 6. Fearful quarrels and brutal violence are the natural consequences of the frequent use of the bottle.   |
| 3. An execution sweeps off the greater part of their furniture. "They comfort themselves with the bottle."                     | 7. The husband, in a state of furious drunkenness, kills his wife with the instrument of all their misery.  |
| 4. Unable to obtain employment, they are driven by poverty into the streets to beg, and by this means still supply the bottle. | 8. The bottle has done its work. It has destroyed the infant and the mother; it has brought the son and daughter to vice and to the streets, and has left the father a hopeless maniac. |



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## New Temperance Set—Matt Stubbs' Dream. (*Colo'd only.*)

\$12.00.

- |  |  |  |
|--|--|--|
| 1 Title.                                       | 6 Looking down on a wee bit of humanity                | 10 "Oh! please don't," cried the boy               |
| 2 There came a woman in with a baby.           | 7 "Rum!" said Matt, opening his eyes                   | 11 Grasping the hand-rail to steady himself        |
| 3 He was leaning over the back of a chair.     | 8 There was every class, from the king to squalid rags | 12 "Uncle tell me a story," said the little tyrant |
| 4 Opened the door letting out a glow of light  | 9 Draped from head to foot in black                    | 13 Said with all her heart "God bless you, Matt"   |
| 5 Kate's gentle voice went through the chapter |  |  |

## Sam Bowen's Dream. (*Colo'd only.*)

\$10.00.

A Temperance Story, *from original designs.*

- |  |   |                        |
|--|---|------------------------|
| 1 Introduction                             | 6 It was one of the first days of harvest | 9 "Gone," says my wife |
| 2 A bleak afternoon in Feb'y               | 7 She helped me up-stairs                 | 9a Effect              |
| 3 As sulky as a bear                       | 8 The room seemed queer and foggy         | 10 In the garden       |
| 4 And then he had a row                    |   | 10a Angel effect       |
| 5 The poor brute bolted and upset the trap |   | 11 Welcome home        |
|  |   | 12 The good old Bible  |

With Reading.

## A Christmas Hymn.

With Reading.

- |  |   |   |
|--|---|---|
| 1 "Had Rome been growing up to might, and now was queen of land and sea" | 3 "Within that province far away went plodding home a weary boor"         | 5 "A thousand bells ring out, and throw their joyful peals abroad"            |
| 2 "The Senator of haughty Rome impatient urged his chariot's flight"     | 4 "How calm a moment may precede one that shall thrill the world forever" | 6 "For in that stable lay, new born, the peaceful Prince of earth and heaven" |

## The Rock of Ages.

- |                        |                               |   |
|------------------------|-------------------------------|---|
| 1 The Angry Sea        | 6 Simply to thy Cross I cling | 10 Heaven   |
| 2 The Rock of Ages     | 7 Angels Beckoning            |   |
| 3 Flashes of Lightning | 8 Angel Crowns Faith          | Nos. 3, 4, 7, and 8 can only be used with two Lanterns for Dissolving |
| 4 Rainbow              | 9 Ascension to Heaven         |   |
| 5 The Helping Hand     |                               |   |

## New Tale of a Tub.

Finely Executed Pictures.—A Comic Poem Illustrated.

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|---|------------------------|---------------------------------------|
| 1 Opening the Question. The Bengal Tigers | 3 The Artful Dodge     | 6 Increasing the Interest of the Tail |
| 2 Bengal Cave                             | 4 Look before you leap |                                       |
|   | 5 Under Cover.         |                                       |

## The Gambler's Career.

Beautifully Colored Photographs of Fine Engravings.

- |   |  |   |
|---|--|---|
| 1 The first seed of the passion planted in the young mind | loser, he resorts to false play                        | house in despair and madness  |
| 2 The development of the passion with higher stakes       | 4 He is detected and roughly handled by his friends    | 6 He ends his life in a mad house, still occupied with his ruling passion |
| 3 Finding himself always the                              | 5 Having finally lost his all, he leaves the gambling- |   |

# SECRET SOCIETIES.

## Series XII.—Masonic.



Beautifully Colored.

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### FIRST DEGREE.

- 1 Holy Bible, Square, Compass, and Warrant
- 2 Ancient Lodge in Valley
- 3 Form of Lodge
- 4 Supports of Lodge
- 5 Jacob's Ladder
- 6 Furniture of Lodge
- 7 Ornaments of Lodge
- 8 Lights of Lodge
- 9 Jewels of Lodge
- 10 Tabernacle in Wilderness.
- 11 St. John the Baptist, and St. John the Evangelist
- 12 Masonic Tenets
- 13 Points of Entrance
- 14 Chalk, Charcoal, and Clay.

### FELLOWCRAFT'S DEGREE.

- 15 Pillars of the Porch
- 16 Five Orders of Architecture
- 17 The Five Senses
- 18 Seven Liberal Arts

- 19 Scene at the Waterfall
- 20 Corn, Wine, and Oil
- 21 Allusion to the Letter G

### MASTER MASON'S DEGREE.

- 22 Building of King Solomon's Temple
- 23 Marble Monument
- 24 Ancient Three Grand Masters
- 25 Entered Apprentice's Lodge
- 26 Fellowcraft's Lodge
- 27 Master Mason's Lodge
- 28 Three Steps
- 29 Pot of Incense
- 30 Bee-Hive
- 31 Book of Constitution Guarded by Tyler's Sword
- 32 Sword Pointing to Naked Heart, and All-Seeing Eye
- 33 Anchor and Ark
- 34 Forty-seventh Problem
- 35 The Hour-Glass
- 36 The Scythe
- 37 Emblems of Mortality

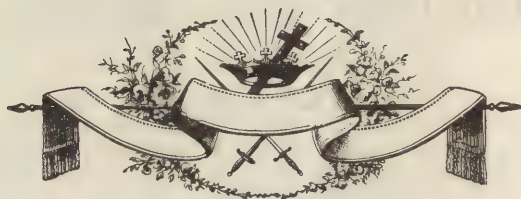


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ROYAL ARCH CHAPTER.

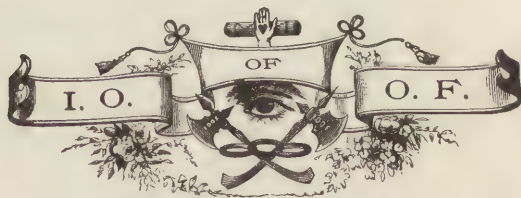
25. The Burning Bush.

Commandery of Knights Templar.



- |                                  |                          |   |
|----------------------------------|--------------------------|---|
| 26. Angel at Sepulchre.          | 27. Three Marys at Tomb. | 28. Ascension of Christ                                   |
| 29. Valley of Dry Bones.         |                          | 37. Christ on the Cross.                                  |
| 30. The Crucifixion.             |                          | 38. Death on the Pale Horse.                              |
| 31. Body of Christ lain in Tomb. |                          | 39. Human Skull.  |
| 32. Resurrection of Christ.      |                          | 40. John at Patmos.                                       |
| 33. The Cross.                   |                          | 41. Faith at the Cross.                                   |
| 34. The Pilgrim.                 |                          | 42. Cross and Crown of Glory, with motto—"Crown of Life." |
| 35. The Knight.                  |                          |   |
| 36. The Penitent.                |                          |   |

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Series XIII.—Odd Fellows.

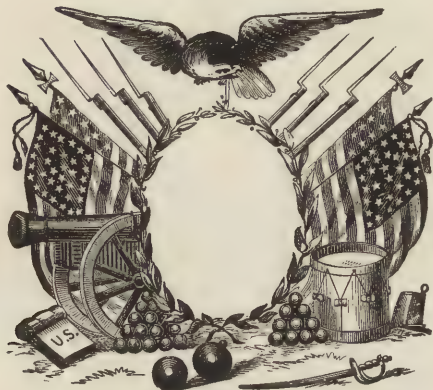
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2. Three Links. 3. Skull and Cross  
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6. The Quiver. 7. The Bundle of  
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and Hand. 10. The Globe. 11. The  
Ark. 12. The Serpent.

- Third Degree.*—13. Scales and Sword.  
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Three Pillars. 18. The Tent. 19.  
The Pilgrim's Scrip, Sandals, and  
Staff. 20. The Altar of Sacrifice.  
21. The Tables of Stone, Crescent  
and Cross. 22. The Altar of Incense.

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## P. O. S. of America.



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|-------------------------------------|--------------------------------------|
| 1 Gallileo Expounding his Theories. | 16 Battle of Eutaw Springs.          |
| 2 Gallileo before the Inquisition.  | 17 Surrender of Cornwallis at York-  |
| 3 Columbus Discovering America.     | town.                                |
| 4 The Mayflower.                    | 18 Battle of New Orleans.            |
| 5 Landing of the Pilgrims.          | 19 Hall of the Montezumas.           |
| 6 Battle of Lexington.              | 20 Firing on Fort Sumter.            |
| 7 Battle of Bunker Hill.            | 21 Rally of Troops at Washington.    |
| 8 Portrait of Washington            | 22 Battle of Gettysburg.             |
| 9 Washington Crossing the Delaware. | 23 Battles of the Civil War (as many |
| 10 Washington at Prayer at Valley   | as desired).                         |
| Forge.                              | 24 Surrender of Lee.                 |
| 11 Battle of Bennington.            | 25 Scene of Peace.                   |
| 12 Battle of Saratoga.              | 26 Public School House.              |
| 13 Battle of Monmouth.              | 27 Goddess of Liberty.               |
| 14 Battle of Stony Point.           | 28 Stars and Stripes.                |
| 15 Battle of Cowpens.               |                                      |

## Knights of Pythias.

### First Rank.

- 1 The Friends, Damon and Pythias.
- 2 Damon Condemned to Die.
- 3 Pythias' Appeal to Dionysius.
- 4 The Flight of Damon to his Family.
- 5 Pythias in Dungeon, Calantha's Appeal.
- 6 Damon's Farewell to his Family.
- 7 Pythias at the Headsman's Block.
- 8 Pythias Saved by Damon's Arrival.
- 9 The Heroes Honored by the King.
- 10 The Beautiful Unknown Shore.

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- 1 Arts of Ancient Egypt.
- 2 A Flower Bespangled Plain.
- 3 The Mountain Side.
- 4 A Sunless Sea.
- 5 Where Hideous Creatures Climb.
- 6 The Hero.

### Sixth Senator.

- 1 The Deadly Conflict.
- 2 The Fallen Soldier.
- 3 The Wounded Soldier Assisted.

NOTE.—This set can be furnished in colored slides only.

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| <p>No.<br/>1. A Lovely Calm, No. 1.<br/>2. A Black Squall, No. 2.<br/>3. "Come into the Garden, Maud."<br/>4. "We Met by Chance."<br/>8. "'Twere vain to tell Thee all I Feel."<br/>9. "Darling, I am Growing Old."<br/>10. "'Twas a Calm, Still Night."<br/>12. "Angel Voices Sweetly Calling."<br/>13. Laying back Stiff for a Brush, No. 1.<br/>14. Hung up, with the Starch Out, No. 2.<br/>15. The Parson's Colt Trots if it is Sunday.<br/>16. Between Two Fires.<br/>17. A Bare Chance.<br/>20. A Game Dog.<br/>21. Boss of the Road.<br/>22. Bull-dozed.<br/>27. Man as He Expects to be.<br/>28. "Triumph of Woman's Rights."<br/>29. Five Degrees of Intemperance.<br/>33. The Summit of Happiness. No. 1.<br/>34. The Depth of Despair. No. 2.<br/>35. Walked Home on his Ear.<br/>36. Life in Death.<br/>37. Trouble in de Church. No. 1.<br/>38. " " " " No. 2.<br/>39. "Go way down dar." No. 1.<br/>40. "Dar, I knew Mischief was Brewin'." No. 2.<br/>41. The Attack on the Watermelon.<br/>42. Profit and Loss.<br/>44. "Coming Thro' the Rye."<br/>45. We've had a Healthy Time.<br/>47. "In Happy Moments." No. 1.<br/>48. Star of the Evening, Gently Guide Me. No. 2.<br/>51. Golly, no wonder Missus don't get up till 10 o'clock.<br/>52. Venus Rising from the Sea.<br/>53. She Stoops to Conquer.<br/>54. "I want to be an Angel."<br/>55. "Put my Little Shoes Away."<br/>56. Ignorance is Bliss.<br/>57. Something has got to come.<br/>58. "Shimply (hic) Waitin' for a Fren'."<br/>59. "They All Do It."<br/>60. O Where, O Where, has my Leedle Dog Gone?<br/>61. What is Home Without a Mother-in-Law?<br/>64. Dot Leedle German Band.<br/>65. What are the Wild Waves Saying, Sister?" No. 1.</p> | <p>No.<br/>66. "Scoot, Brother, Scoot." No. 2.<br/>67. "Listen to the Mocking Bird."<br/>68. "That Husband of Mine."<br/>69. "Stolen Pleasures are Sweet." No. 1.<br/>70. "No Pleasure Without Pain." " 2.<br/>73. "Babies on our Block."<br/>75. Injured Innocence.<br/>76. Moving Day.<br/>78. Fatherless.<br/>80. Three Systems of Medicine.<br/>81. "Excuse Haste and a Bad Pen."<br/>82. A Division of Labor.<br/>83. Maternal Solicitude; Monkeys.<br/>84. Going! Going! Gone!<br/>85. Pleasure Before Business<br/>87. The Finding of Moses, by Titian.<br/>88. " " " by Mark Twain.<br/>89. Two Souls with but a Single Thought.<br/>90. Don't You Forget It.<br/>91. A Mule Train on an Up Grade.<br/>92. " " " on a Down Grade.<br/>95. "Sure of a Bite."<br/>96. "Bustin' a Picnic."<br/>109. "Mary Had a Little Lamb."<br/>110. "The Girl I Left Behind Me."<br/>111. "Too Late for the Train."<br/>112. First Lesson in the Battle of Life.<br/>113. The Chinese Question—The Rivals.<br/>114. " " " The Controversy Settled.<br/>115. A Ghost Adventure—A Moonlight Reverie.<br/>116. A Ghost Adventure—A Ghostly Problem.<br/>117. A Ghost Adventure—The Problem Solved.<br/>118. The Pre-Historic Fop, According to Darwin.<br/>119. The Modern Fop, According to the 15th Amendment.<br/>120. Attack of the Monster—The Wicked Flea.<br/>121. Attack of the Monster—Boarding-house Bedbug.<br/>122. How Jones Became a Mason—Starting for the Lodge.<br/>123. How Jones Became a Mason—Oath of Secrecy.<br/>124. How Jones Became a Mason—Riding the Goat.<br/>125. How Jones Became a Mason—Jones is a Mason<br/>126. The Schoolboy's First Cigar.<br/>127. " " " Its Result</p> |
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JAMES W. QUEEN & CO., PHILADELPHIA.

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| No.  |                                       |
| 128. | The Onconvenience of Single Life.     |
| 129. | The Raal Convanience of Married Life. |
| 130. | The Masher.                           |
| 131. | " Crushed.                            |
| 132. | I Wonder if 'tis Loaded ?             |
| 133. | It Was Loaded !                       |
| 134. | Joy !                                 |
| 135. | Horror !                              |
| 136. | The Little Peach—Expectation.         |
| 137. | " " Realization.                      |
| 138. | " " Termination.                      |
| 139. | Peace.                                |
| 140. | War.                                  |
| 141. | Why Did You Sup on Pork ?             |
| 142. | A Coolness Between Friends.           |
| 143. | Mr. Murphy is Rising in the World.    |

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| No.  |   |
| 144. | A Pleasure Party.                           |
| 145. | Two Heads Are Better Than One.              |
| 146. | War Dance—Opening of the Ball               |
| 147. | The Three Graces.                           |
| 148. | Richard is Himself Again.                   |
| 149. | The Three (Scape) Graces.                   |
| 152. | Victory Doubtful.                           |
| 157. | Something Did Come !                        |
| 158. | The Pet of the Ladies—The Ex-<br>quisite.   |
| 159. | The Pet of the Fancy—The Prize-<br>Fighter. |
| 166. | "Every Dog Has His Day."                    |
| 167. | "Thou Art So Near and Yet So<br>Far."       |
| 168. | "Grab the Ball, Johnny, I'll Wait."         |
| 169. | Great Expectations.                         |

**Series XVI.—Choice Statuary.**

**Photographs from the Originals, Backgrounds Blacked. Mounted in Wood Frames.**

By JOHN ROGERS, the Famous American Sculptor.

PER SLIDE, \$1.00, FRAMED ; 75 CENTS UNFRAMED.

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7. The Foundling.
8. Coming to the Parson.
9. Courtship in Sleepy Hollow.
10. One More Shot.
11. Wounded Scout.
12. Union Refugees.
13. Country Post-office.
14. Home Guard.
15. School Examination.
16. Charity Patient.
17. Uncle Ned's School.
18. Returned Volunteer.
19. Playing Doctor.

20. Parting Promise.
21. Rip Van Winkle at Home.
22. Rip Van Winkle on the Mountain.
23. Rip Van Winkle Returned.
24. We Boys.
25. Mail Day.
26. Town Pump.
27. Picket Guard.
28. Going for the Cows.
29. The Bushwacker.
30. The Village Schoolmaster.
31. The Checker Player.
32. The Sharpshooters.
33. Checkers up at the Farm.
34. Weighing the Baby.
35. The Shaugran and Tatters.
36. The Tap at the Window.
37. The Mock Trial.
38. George Washington.

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40. Morning, "
41. Spring, "
42. Summer, "
43. Autumn, "
44. Winter, "
45. Apollo Belvidere.
46. The Three Graces.
47. The Greek Slave.

48. Eve before the Fall.
49. Night, by Copeland.
50. Morning, "
51. Ariadne and the Tiger.
52. Flora.
53. The Serenade.
54. The Courtship.
55. Burd Family Monument.
56. Simply to thy Cross I Cling.

JAMES W. QUEEN & CO., PHILADELPHIA.



### Series XVIII.—Choice Dissolving Views.

PER SLIDE, \$1.50.

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| 1. <i>a</i> Voyage of Life, Childhood. <i>Cole.</i>        | 8. <i>a</i> Courtship for Second Wife. The Proposal.                       |
| <i>b</i> Voyage of Life, Youth. <i>Cole.</i>               | <i>b</i> Courtship for Second Wife. Ghost of First Wife appears.           |
| <i>c</i> Voyage of Life, Manhood. <i>Cole.</i>             | <i>c</i> Courtship for Second Wife. Great Consternation.                   |
| <i>d</i> Voyage of Life, Old Age. <i>Cole.</i>             | 9. <i>a</i> Love and Marriage. The First Meeting.                          |
| 2. <i>a</i> The Seasons, Spring.                           | <i>b</i> Love and Marriage. Five Minutes After.                            |
| <i>b</i> The Seasons, Summer.                              | <i>c</i> Love and Marriage. Five Years After.                              |
| <i>c</i> The Seasons, Autumn.                              | 10. <i>a</i> Brave Drummer Boy and his Father. Both Enlist in Union Army.  |
| <i>d</i> The Seasons, Winter.                              | <i>b</i> Brave Drummer Boy and his Father. In Battle against the Rebels.   |
| 3. <i>a</i> Life's Day, Morning. <i>Bellows.</i>           | <i>c</i> Brave Drummer Boy and his Father. Both Die upon the Battle-field. |
| <i>b</i> Life's Day, Noon. <i>Bellows.</i>                 | 11. <i>a</i> Heathen Chinese. Euchre.                                      |
| <i>c</i> Life's Day, Night. <i>Bellows.</i>                | <i>b</i> Heathen Chinese. The Right Bower.                                 |
| 4. <i>a</i> Prodigal Son. The Swineherd. <i>Dubufe.</i>    | <i>c</i> Heathen Chinese. Twenty-four Jacks.                               |
| <i>b</i> Prodigal Son. The Carousal. <i>Dubufe.</i>        | 12. <i>a</i> Frigid Zone.  |
| <i>c</i> Prodigal Son. The Return. <i>Dubufe.</i>          | <i>b</i> Temperate Zone.   |
| 5. <i>a</i> The Christian Graces. <i>Hicks.</i>            | <i>c</i> Torrid Zone.  |
| <i>b</i> Il Penserosa. <i>Hicks.</i>                       |  |
| <i>c</i> L'Allegro. <i>Hicks.</i>                          |  |
| 6. <i>a</i> The Contraband.                                |  |
| <i>b</i> The Recruit.                                      |  |
| <i>c</i> The Veteran.                                      |  |
| 7. <i>a</i> Steamboat Race on the Mississippi. Wooding up. |  |
| <i>b</i> Steamboat Race on the Mississippi. The Start      |  |
| <i>c</i> Steamboat Race on the Mississippi. The Explosion. |  |

JAMES W. QUEEN & CO., PHILADELPHIA.

No.

13. *a* Heart's Ease. *Baxter.*  
*b* Lilies. *Baxter.*  
*c* Nora. *Baxter.*
14. *a* Faith. *Palmer.*  
*b* Hope. *Palmer.*  
*c* Immortality. *Palmer.*
15. *a* The Friendly Meeting.  
*b* A Temperance Meeting.
16. *a* Fondly Gazing. *G. Smith.*

THE DESTRUCTION OF POMPEII.

4 Slides, \$7.50

- a* The Poet's House, Pompeii. The beginning of the eruption of Vesuvius.
- b* The Last Night in Pompeii. The inhabitants fleeing through the fiery storm.
- c* Flight of the Pompeiians. The Terrified Populace are climbing a hill in the foreground; Vesuvius in eruption, and Pompeii and Herculaneum on the great mountain side, appear in the distance.

THE FAIRY FOUNTAIN.

Two Slides, \$5.75

- a* Beautiful G. Iden Fountain.
- b* The Water: fall and ripple.
17. *a* Fondly Gazing.  
*b* Empty Cradle.
18. *a* Ecce Homo. *Reni.*  
*b* Mater Dolorosa. *Dolce.*
19. *a* Jerusalem in her Grandeur. *Selous.*  
*b* Jerusalem in her Decay. *Selous.*
20. *a* Christus Consolator. *A. Scheiffer.*  
*b* Christus Remunerator. *A. Scheiffer.*
21. *a* Study. *Holfeld.*  
*b* Prayer. *Holfeld.*
22. *a* Mother's Dream. *Brooks.*  
*b* Believer's Mission. *Brooks.*
23. *a* Wife's Prayer. *Brooks.*  
*b* Dream of Hope. *Brooks.*
24. *a* Aurora. *Hamon.*  
*b* Feeding the Bird. *Hamon.*
25. *a* Beatrice Cenci. *Beranger.*  
*b* Evangeline. *Beranger.*
26. *a* English Farmyard. *Herring.*  
*b* English Homestead. *Herring.*
27. *a* The Luncheon. *Brochart.*  
*b* The Good Friends. *Brochart.*
28. *a* War. *Landseer.*  
*b* Peace. *Landseer.*
29. *a* To the Rescue. *Landseer.*  
*b* Saved. *Landseer.* Dog and Child.
30. *a* War. *Dore.*  
*b* Peace. *Dore.*
31. *a* Alexander and Diogenes. *Landseer.*  
*b* Jack in Office. *Landseer.*

No.

32. *a* Distinguished Member of the Humane Society. *Bateman.*  
*b* Nothing Venture, Nothing Have. *Bateman.*
33. *a* Lily of Ghent. *Absolon.*  
*b* Water Lilies. *Bouvier.*
34. *a* Cinderella. *Lejeune.*  
*b* Blue Bird. *Lejeune.*
35. *a* Mamma's Birthday. *Dobson.*  
*b* Remembrance. *Dobson.*
36. *a* At her Toilet. *Zuber Buhler.*  
*b* The Little Gourmand. *Zuber Buhler.*
37. *a* Liberality of Roman Women. *Coomans.*  
*b* Cornelia and her Jewels. *Schopin.*
38. *a* The Abduction. *Barrias.*  
*b* Vengeance. *Vernet.*
39. *a* The Lake. *Brochart.*  
*b* The Glacier. *Brochart.* Very choice.
40. *a* Cattle at Watering Place. *R. Bonheur.*  
*b* Sheep in Pasture. *R. Bonheur.*
41. *a* The Mother's Joy. *Amberg.*  
*b* The Widow's Comfort. *Amberg.*
42. *a* Morning Prayer. *Meyer von Bremen.*  
*b* Evening Prayer. *Meyer Von Bremen.*
43. *a* Saturday Night. *Absolon.*  
*b* Sunday Morning. *Absolon.*
44. *a* Going to the Club.  
*b* Returning from the Club.
45. *a* Going against the Stream. *Jenkins.*  
*b* Going with the Stream. *Jenkins.*
46. *a* High Life. *Landseer.*  
*b* Low Life. *Landseer.*
47. *a* Aspiring to Heaven. *Zuber Buhler.*  
*b* Regretting the Earth. *Zuber Buhler.*
48. *a* The Temperance Meeting. *Herring.*  
*b* The Friendly Meal. *Herring.*
49. *a* My First Sermon. *Millais.*  
*b* My Second Sermon. *Millais.*
50. *a* By the Seaside. *Brochart.*  
*b* Near the Falls. *Brochart.*
51. *a* Joy.  
*b* Sorrow.
52. *a* Fairy Tales.  
*b* Reading the Psalm.
53. *a* Grand Canal, Venice. *Day.*  
*b* " " " Moonlight.
54. *a* The Evening Prayer. *Frere.*  
*b* The Morning Kiss. *Frere.*
55. *a* The Onconvenience of Single Life.  
*b* The Raal Convenience. (Comic.)
56. *a* The Quay at Liverpool. *Outward Bound.*



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| <p>No.</p> <p>56. <i>b</i> The Dock at Boston. (Comic.) Homeward Bound.</p> <p>57. <i>a</i> The Settlement in the Backwoods. The Beginning.<br/><i>b</i> The Settlement in the Backwoods. The Increase.</p> <p>58. <i>a</i> Castle of Chillon, Lake Geneva, Switzerland. Day.<br/><i>b</i> Castle of Chillon. Moonlight. Winter.</p> <p>59. <i>a</i> Windsor Castle. Day.<br/><i>b</i> Windsor Castle. Moonlight.</p> <p>60. <i>a</i> Castle of Drachenfels. Summer.<br/><i>b</i> Castle of Drachenfels. Winter Night.</p> <p>61. <i>a</i> Castle of Ehrenfels on Rhine. Summer.<br/><i>b</i> Castle of Ehrenfels on Rhine. Winter.</p> <p>62. <i>a</i> Conway Castle. England. Day.<br/><i>b</i> " " Moonlight.</p> <p>63. <i>a</i> Isola Bella, Italy. Day.<br/><i>b</i> " " Moonlight.</p> <p>64. <i>a</i> Summer Landscape.<br/><i>b</i> Winter " "</p> <p>65. <i>a</i> Prize Fighter. Pet of the Fancy.<br/><i>b</i> Exquisite. Pet of the Ladies.</p> <p>66. <i>a</i> Grace before Meat.<br/><i>b</i> Grace after Meat.</p> <p>67. <i>a</i> Temptation.<br/><i>b</i> Perdition.</p> <p>68. <i>a</i> The Man. Temperance.<br/><i>b</i> The Animal. Intemperance.</p> <p>69. <i>a</i> Death-bed of the Righteous. John Wesley Praying.<br/><i>b</i> Death-bed of the Wicked. Cardinal Richelieu Playing Cards.</p> <p>70. <i>a</i> Abel's Sacrifice Received.<br/><i>b</i> Cain's Sacrifice Rejected.</p> <p>71. <i>a</i> Noah building the Ark.<br/><i>b</i> Noah receiving Advice from above.</p> <p>72. <i>a</i> Noah's Sacrifice.<br/><i>b</i> " Appearance of the Rainbow.</p> <p>73. <i>a</i> Israelites passing through the Red Sea.<br/><i>b</i> Destruction of Pharaoh and his Host.</p> <p>74. <i>a</i> The Witch of Endor visited by Saul.<br/><i>b</i> The Witch of Endor raising Samuel</p> <p>75. <i>a</i> Flowers. Dahlias and Roses.<br/><i>b</i> " Asters and Poppies.</p> <p>76. <i>a</i> Fruits. Grapes.<br/><i>b</i> " Currants.</p> <p>77. <i>a</i> Before the Proclamation. A sad Negro Face.<br/><i>b</i> After the Proclamation. A merry Negro Face.</p> | <p>No.</p> <p>78. <i>a</i> The Schoolboy's First Cigar. Very manly.<br/><i>b</i> The Schoolboy's First Cigar. Very sick.</p> <p>79. <i>a</i> Good-night in Wreath of Flowers.<br/><i>b</i> " Moonlit Sky.</p> <p>80. <i>a</i> English Landscape. Tempest. Lightning.<br/><i>b</i> English Landscape. Rainbow.</p> <p>81. <i>a</i> The Repentant Sinner.<br/><i>b</i> Knocking at the Gate.<br/><i>c</i> Led by Jesus.<br/><i>d</i> The Shores of the Beautiful River.</p> <p>82. <i>a</i> Steamboat Race on the Mississippi. The Race.<br/><i>b</i> Steamboat Race on the Mississippi. The Explosion.</p> <p>83. <i>a</i> Fire in Philadelphia. The Alarm.<br/><i>b</i> " " The Flames.</p> <p>84. <i>a</i> The Protecting Scout. The Defenseless Woman.<br/><i>b</i> The Protecting Scout. Appearance of Scout.</p> <p>85. <i>a</i> Attack of the Monster. The Wicked Flea.<br/><i>b</i> Attack of the Monster. The Boarding-house Bed-bug.</p> <p>86. <i>a</i> Fops of the Past and Present. The Pre-historic Fop, according to Darwin.<br/><i>b</i> Fops of the Past and Present. The Modern Fop, according to the 15th Amendment.</p> <p>87. <i>a</i> A Ghostly Adventure. A Moonlight Reverie.<br/><i>b</i> A Ghostly Adventure. A Ghostly Problem.<br/><i>c</i> A Ghostly Adventure. The Problem Solved.</p> <p>88. <i>a</i> American Meccas. Independence Hall, 1776.<br/><i>b</i> American Meccas. U. S. Capitol, 1876.</p> <p>89. <i>a</i> The Chinese Question. The Rivals.<br/><i>b</i> " " Question Settled.</p> <p>90. <i>a</i> Death of Sardanapalus. <i>Schopin</i>.<br/><i>b</i> Socrates instructing Alcibiades. <i>Schopin</i>.</p> <p>91. <i>a</i> House of a Poet. Last Days of Pompeii. <i>Coomans</i>.<br/><i>b</i> Destruction of Pompeii. <i>Schopin</i>.</p> <p>92. <i>a</i> How Jones became a Mason. Starting for the Lodge.<br/><i>b</i> How Jones became a Mason. The Oath of Secrecy.<br/><i>c</i> How Jones became a Mason. Riding the Goat.<br/><i>d</i> How Jones became a Mason. Jones has become a Mason.</p> |
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| <p>No.<br/>93. <i>a</i> Temperance—the Man.<br/>    <i>b</i> Intemperance—the Animal.<br/>94. <i>a</i> The Palace of Hell, built by Momus<br/>    and his Crew.<br/>    <i>b</i> Satan and his Chief Demons in<br/>    Council.<br/>95. <i>a</i> Going to Lodge. Leaves his Wife.<br/>    <i>b</i> Returning from Lodge. Meets his<br/>    Wife.<br/>96. <i>a</i> Roman Chariot Race. The De-<br/>    parture.<br/>    <i>b</i> Roman Chariot Race. The Tri-<br/>    umph.<br/>97. <i>a</i> The Coliseum's Martyrs. Wild<br/>    Beasts and Victims. <i>Day.</i><br/>    <i>b</i> The Coliseum's Martyrs. Spirits<br/>    hovering over the martyred<br/>    forms in the deserted arena. <i>A</i><br/>    <i>splendid night effect.</i><br/>98. <i>a</i> French Wedding Party.<br/>    <i>b</i> French Baptism Party.<br/>99. <i>a</i> The Fountain of Love. <i>Brochart.</i><br/>    <i>b</i> Cupid a Captive. <i>Brochart.</i><br/>100. <i>a</i> The Age of Gold. <i>Schopin.</i><br/>    <i>b</i> The Paradise of Mahomet. <i>Schopin.</i><br/>101. <i>a</i> Hovering Angels. The Child<br/>    Asleep.<br/>    <i>b</i> Hovering Angels. The Cherub<br/>    Choir. <i>Reynolds.</i><br/>102. <i>a</i> The Two Baths. Laughing Boy<br/>    with Dripping Head.<br/>    <i>b</i> The Two Baths. Laughing Girl<br/>    Ducking a Kitten.<br/>103. <i>a</i> The Lion and Lamb of the Golden<br/>    Age.<br/>    <i>b</i> The Lion and Lamb of the Pres-<br/>    ent Age.<br/>104. <i>a</i> The Jig: "St. Patrick's Day in the<br/>    morning."<br/>    <i>b</i> The Melody. "The Angel's Whis-<br/>    per."<br/>105. <i>a</i> The Sculpture Gallery. Ancient<br/>    Rome. <i>Tadema.</i><br/>    <i>b</i> The Picture Gallery. Ancient<br/>    Rome. <i>Tadema.</i><br/>106. <i>a</i> How happy could I be with either,<br/>    were I other dear charmer away.<br/>    <i>Oliver.</i><br/>    <i>b</i> Best be off with the old love,<br/>    before you are on with the new.<br/>    <i>Oliver.</i></p> | <p>No.<br/>107. <i>a</i> The Appian Way. Ancient Rome.<br/>    <i>Boulanger.</i> [<i>Boulanger.</i><br/>    <i>b</i> Ladies' Apartment. Ancient Rome.<br/>108. <i>a</i> The Promised Land. <i>Schopin.</i><br/>    <i>b</i> A Dream of Happiness. <i>Papety.</i><br/>109. <i>a</i> Fête at Court of Cleopatra. <i>Grol-</i><br/>    <i>leau.</i><br/>    <i>b</i> Reunion at House of Aspasia.<br/>    <i>Grolleau.</i><br/>110. <i>a</i> Christmas Night Without.<br/>    <i>b</i> Christmas Night Within.<br/>111. <i>a</i> Penna. Railroad Station, Broad<br/>    St., Philadelphia. Exterior.<br/>    <i>b</i> Pennsylvania Railroad Station,<br/>    Broad St. Interior.<br/>112. <i>a</i> Dance of the Veil. <i>Richter.</i><br/>    <i>b</i> Toilette of the Favorite. <i>Richter.</i><br/>113. <i>a</i> American Farmyard. Summer.<br/>    <i>b</i> American Farmyard. Winter.<br/>114. <i>a</i> Mammoth Cave, Kentucky. Red<br/>    Fire Effect. [<i>Fire Effect.</i><br/>    <i>b</i> Mammoth Cave, Kentucky. Green<br/>115. <i>a</i> Sunset Clouds.<br/>    <i>b</i> Evening Clouds.<br/>116. <i>a</i> The Smile. <i>Webster.</i><br/>    Full well they laughed, with counterfeited<br/>    glee.<br/>    At all his jokes, for many a joke had he.<br/>    <i>b</i> The Frown. <i>Webster.</i><br/>    Full well the busy whisper circling round<br/>    Conveyed the dismal tidings when he frowned.<br/>117. <i>a</i> The Chorister Boys.<br/>    <i>b</i> The Foundling Girls.<br/>118. <i>a</i> "Tramp, tramp, tramp."<br/>    In the prison cell I sit,<br/>    Thinking Mother dear of you.<br/>    <i>b</i> Tramp, tramp, tramp.<br/>    The Boys came marching,<br/>    Like a grand, majestic sea.<br/>119. <i>a</i> Village Church on a Summer<br/>    Morning.<br/>    <i>b</i> Village Church on Christmas<br/>    Eve.<br/>120. <i>a</i> Toll Demanded.<br/>    <i>b</i> Toll Taken.<br/>121. <i>a</i> Joan of Arc finding the Sword.<br/>    <i>b</i> She makes a sortie.<br/>    <i>c</i> She suffers martyrdom.<br/>122. <i>a</i> An Affair of Honor. Two women<br/>    fighting a duel.<br/>    <i>b</i> Reconciliation.<br/>123. <i>a</i> American Landscape. Winter.<br/>    <i>b</i> American Landscape. Summer.</p> |
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## Series XIX.—Superior Colored Dissolving Views.

Producing Very Fine Dissolving Effects and Requiring the use  
of Two Lanterns.

No.		PRICE.
1.	NO CROSS, NO CROWN. Four Slides, a Christiana gazing over the Sands of Time. b Christiana beholds the Cross of Christ. c Christiana dreams of the Beautiful Shore. d Christiana is Crowned by an Angel of Light.	\$6 00
2.	ROCK OF AGES. Four Slides, a An angry Sea Swallowing a Wreck. b The Cross—The Rock of Ages—rises above the waters. c Faith, clinging to the Cross, is lifted above the waves. d Faith wings her flight heavenward.	6 00
3.	THE GHOST SCENE. Three Slides for Dissolving Lanterns, A graveyard is represented; Day, Night, and Effects: the covering of one of the vaults is raised by a skeleton, which appears; other skeletons appear at different graves.	6 50
4.	ORIGIN OF THE MOSS ROSE. Four Slides. With Poem,	6 00
5.	ANGEL OF PEACE. Four Slides, a The Mother gazes fondly on her Babe. b The Mother sits beside an empty Cradle. c A Starry Sky above a Sleeping City. d The Angel of Death bears the Child heavenward.	6 00
6.	ANGEL OF PEACE. Two Slides, a The city lies beneath wrapped in slumber, and scarcely discernible by the light of the new moon. b The Angel of Death, with outspread wings, flies across the scene, bearing the spirit of a child.	3 00
7.	MERCY'S DREAM. Two Slides, a A beautiful woman is sleeping beneath a wide spread tree. b The vision of an Angel bearing a Crown of Light appears above her.	3 00
8.	MOTHER'S GRAVE. Two Slides, a Three children are engaged in placing floral tributes upon their Mother's Grave. b Their Mother's Spirit descends and hovers over them.	3 00
9.	BEETHOVEN'S DREAM. Two Slides, a The great Composer has fallen asleep at his piano. b The spirit of Music floats above him.	3 00
10.	MARTYRED CHRISTIANS. Two Slides, a The lifeless figure of a beautiful woman floats upon the midnight waters. b Her Spirit is borne by Angels.	3 00
11.	ORPHAN'S DREAM. Two Slides, a Tired of play, the Orphan Boy has fallen asleep. b His Mother's Spirit appears, bending lovingly over him.	3 00
12.	SHIPWRECKED MARINERS. Two Slides, a Two mariners cast upon a rocky coast, discover a ship in the distance at day-dawn. b Morning advances, and the ship approaches.	3 00



JAMES W. QUEEN & CO., PHILADELPHIA.

No.		PRICE
13.	ABOU BEN ADHEM. Two Slides. With Poem, . . . . .	\$3 00
	<i>a</i> The first appearance of the Angel.	
	<i>b</i> The second appearance of the Angel.	
14.	STAR OF BETHLEHEM. Two Slides, . . . . .	3 00
	<i>a</i> Wise Men of the East journeying toward Jerusalem.	
	<i>b</i> The Son of Man appears in a radiant light.	
15.	VASE OF GROWING FLOWERS. Two Slides, . . . . .	3 00
	<i>a</i> The Flowers in Bud.	
	<i>b</i> The Flowers in full Bloom.	
16.	FALLS OF NIAGARA. Two Slides, . . . . .	3 00
	<i>a</i> General View of Falls in Summer	
	<i>b</i> A beautiful Rainbow appears in the Mist.	
17.	HIGHLANDER'S DREAM OF HOME. Two Slides, . . . . .	3 00
	<i>a</i> A Highland Soldier asleep by his Camp fire.	
	<i>b</i> Vision of Home appears above the fire.	
18.	ROCK OF AGES. Two Slides, . . . . .	3 00
	<i>a</i> The Cross—the Rock of Ages—rises above an Angry Sea.	
	<i>b</i> Faith clinging to the Cross, is saved from perishing.	
19.	BIRTH OF VENUS. Two Slides, . . . . .	3 00
	<i>a</i> Flying Cupids announce the coming of Venus.	
	<i>b</i> The beautiful Venus is born of the Ocean's foam.	
20.	WASHINGTON'S TOMB. Two Slides, . . . . .	3 00
	<i>a</i> Tomb of Washington at Mount Vernon, on the Potomac.	
	<i>b</i> The Spirit of Washington appears within the Tomb.	
21.	WASHINGTON'S DREAM. Two Slides, . . . . .	3 00
	<i>a</i> Falls asleep over his war map at Valley Forge, Penna.	
	<i>b</i> Beholds a vision of America's future prosperity.	
22.	AMERICAN SOLDIER'S DREAM OF HOME. Two Slides, . . . . .	3 00
	<i>a</i> Asleep by the Camp fire.	
	<i>b</i> A vision of Home appears in the smoke of the fire.	
23.	NAPOLEON. Two Slides, . . . . .	3 00
	<i>a</i> Powerful at the head of his army.	
	<i>b</i> Powerless on the barren rock at St. Helena.	
24.	WHITE AND RED ROSES. Two Slides, . . . . .	3 00
	<i>a</i> White Rose, emblematic of Purity.	
	<i>b</i> Red Rose and Cupid with Bow, emblems of Love.	
25.	THE BACHELOR'S REVERIE. Two Slides, . . . . .	3 00
	<i>a</i> The Bachelor indulges in a twilight reverie.	
	<i>b</i> A vision of his first love appears.	
26.	MOSQUE OF OMAR. Two Slides, . . . . .	3 00
	<i>a</i> Mosque of Omar, Jerusalem, by day.	
	<i>b</i> The Mosque illuminated by night.	
27.	SALISBURY CATHEDRAL, ENGLAND. Two Slides, . . . . .	3 00
	<i>a</i> The beautiful Cathedral by day.	
	<i>b</i> The illuminated Cathedral by moonlight.	
28.	WESTMINSTER ABBEY, LONDON. Two Slides, . . . . .	3 00
	<i>a</i> The magnificent Abbey by daylight.	
	<i>b</i> The illuminated Abbey by moonlight.	
29.	TOWER OF LONDON. Three Slides, . . . . .	4 50
	<i>a</i> The Tower by day.	
	<i>b</i> The Tower by night.	
	<i>c</i> The Great Fire destroying the Tower.	

JAMES W. QUEEN & CO., PHILADELPHIA.

No.		PRICE
30.	FAUST AND MARGUERITE. Two Slides, . . . . .	\$3 00
	a Faust in his Laboratory tempted by Mephistopheles.	
	b Flames dart from Mephistopheles' lamp, and vision of Marguerite appears.	
31.	LOOK NOT UPON THE WINE WHEN IT IS RED. (Very good.) Two Slides, . . . . .	3 00
	a A beautiful Girl in the abandon of the dance, wine cup in hand.	
	b A hideous Skeleton continues the dance, a serpent creeping from the cup. (Proverbs xxiii, 31.)	
32.	GOOD MORNING! Two Slides, . . . . .	3 00
	a The Window of a Palatial Mansion, with shutters closed.	
	b Shutters fly open and reveal a fair face and figure.	
33.	A DREAM OF IMMORTALITY. Two Slides, . . . . .	3 00
	a A beautiful Lady lies dreaming upon a couch.	
	b Angels place a Crown upon the sleeper's brow.	
34.	THE PROTECTING SCOUT. Two Slides, . . . . .	3 00
	a A defenseless Woman and Children attacked by Indians.	
	b Appearance of the Protecting Scout.	
35.	THE WOOD-NYMPH'S BATH. Two Slides, . . . . .	3 00
	a An embowered lake in the forest, by moonlight.	
	b A Wood-nymph, upon a couch of lilies, floats upon the waters.	
36.	THE HANDWRITING ON THE WALL. Two Slides, . . . . .	3 00
	a Belshazzar in the midst of a Bacchanalian Revel.	
	b Daniel reads the words, " <i>Mene, Mene, Tekel, Upharsin.</i> "	
37.	THE FLIGHT OF AURORA AND HER TRAIN. Two Slides, . . . . .	3 00
	a A gorgeous mass of rosy clouds.	
	b Aurora, followed by Apollo, and a host of Goddesses.	
38.	THE LITTLE FOXES' RETREAT. Two Slides, . . . . .	3 00
	a Trunk of an old hollow tree, in which is a large hole.	
	b Three saucy-looking little Foxes peep out of the hole.	

**Series XX.—Dissolving Views with Magnificent Movable Effects.**

Two Lanterns are Required for the Exhibition of these Slides.

1.	WATER-MILL IN PENNSYLVANIA. Four Slides, . . . . .	\$10 00
	a A summer day; the water-wheel in motion.	
	b The moon rises and produces a rippling effect on the water.	
	c The Mill in winter; the ground covered with snow.	
	d Snow-storm; the white flakes fall thick and fast.	
2.	FORT SUMTER, CHARLESTON HARBOR. Four Slides, . . . . .	7 50
	a The Fort by daylight in time of Peace.	
	b The Fort by moonlight in time of Peace.	
	c On fire during Bombardment.	
	d Fire and smoke curl upward from the Fort.	
3.	BAY OF NAPLES AND MOUNT VESUVIUS. Three Slides, . . . . .	6 00
	a Grand Panorama by daylight.	
	b Night; the mountain in eruption.	
	c Fire and smoke rise from the burning crater.	
4.	CASTLE OF ST. ANGELO AND CHURCH OF ST. PETER, ROME. Three Slides, . . . . .	6 00
	a The Church and Castle by daylight.	
	b Gorgeous illumination on Easter night.	
	c Fireworks fly through the heavens.	

JAMES W. QUEEN & CO., PHILADELPHIA.

No.		PRICE.
5.	LIFE NEAR THE NORTH POLE. Three Slides, . . . . .	\$3 00
	a The Arctic Regions by day.	
	b Night among the icebergs.	
	c Brilliant Aurora Borealis flashes upward in the northern sky.	
6.	MOUNT ÆTNA, ISLAND OF SICILY. Three Slides, . . . . .	6 00
	a The great mountain by day.	
	b Volcanic eruption at night.	
	c Fire and smoke pour from the flaming cone.	
8.	MAGICIAN AND CAULDRON. Two Slides, . . . . .	6 50
	a A weird incantation scene. A Magician is standing within his cave, waving a wand over a bubbling cauldron.	
	b Ghosts, Witches, Imps, Gnomes, etc., fly from the cauldron.	
10.	NAIAD QUEEN OF THE RIVER RHINE. Two Slides, . . . . .	4 00
	a Moonbeams glisten on the Rhine, upon whose shore a castle rises in frowning outline.	
	b The Naiad Queen appears seated upon her Throne of Shell, and glides over the waters playing her wonderful harp.	
11.	EXPRESS TRAIN, . . . . .	3 00
	a A railroad bridge by moonlight with a forest in the background.	
	b A Locomotive and Train of Cars dash by, the headlight and sparks making a brilliant effect.	
12.	THE SERENADE IN VENICE. Two Slides, . . . . .	4 00
	a Grand Canal by moonlight. Castle in the foreground.	
	b A Venetian Cavalier approaches in a Gondola and sings before the Castle. A lady appears upon the balcony above him.	
13.	STEAMER LEAVING PORT. Two Slides, . . . . .	4 00
	a A vast harbor, and city in the distance.	
	b A Steamer glides across the harbor and puts to sea.	
14.	FIRE IN PHILADELPHIA. Two Slides, . . . . .	4 00
	a Street by night. Fire over the housetops. The alarm.	
	b A Steam Fire Engine dashes by, drawn by two prancing horses.	
15.	LAKES OF KILLARNEY, IRELAND. Two Slides, . . . . .	4 50
	a Angels fold their wings and rest In that Eden of the West, Beauty's Home, Killarney.	
	b Moon rises, and the waters ripple.	
16.	MARTYRED CHRISTIAN. Two Slides, . . . . .	4 50
	a The body of a beautiful woman floats upon the moonlit waters.	
	b Her Spirit is borne upward by Angels. (Beautiful effect.)	
17.	MAGIC LILY. Two Slides, . . . . .	4 00
	a The Beautiful Lily of the East, the home of Fairies.	
	b A Fairy with a golden wand rises from the bosom of the Lily.	
18.	HAUNTED ABBEY. Two Slides, . . . . .	4 00
	a Tomb in the ruins of an old English Abbey.	
	b A Ghost rises from the Tomb.	
19.	THE SKELETON DANCE IN KIRK ALLOWAY. Two Slides, . . . . .	6 25
	a Ruins of Kirk Alloway, Scotland, scene of Tam O'Shanter's vision.	
	b A Skeleton executes a fantastic dance among the ruins.	
20.	WATER-MILL IN THE ALPS. Two Slides, . . . . .	4 50
	a Summer in the Alps; revolving water-wheel.	
	b Winter; snow-clad mountains; wheel frozen fast.	
21.	HOLLAND WIND-MILL. Two Slides, . . . . .	4 50
	a A Dutch Wind-mill by moonlight.	
	b Daylight; the fans of the Wind-mill revolving.	



**Series XXI.—Choice Colored Slides with Motion.**

These may be used in a Single Lantern, and produce very beautiful and novel effects by giving revolving, slip, or eccentric motions to the scene.



No. 1.

No.		PRICE.
1.	THE DANCING SKELETON, a new and very striking effect, By a peculiar Mechanical arrangement, the skeleton is made to bow with his head in his hand, to dance, etc., in a most LIFE-LIKE man- ner. Music may be used, and the figure be made to dance to jig-time with the most mirth-provoking effect.	\$4 50
2.	CASTLE ON LAKE MAGGIORE, ITALY. Very beautiful, An Italian night scene. A boat containing a Lover glides over the moonlit waters; he serenades his mistress in the Castle; after which she glides out upon the balcony.	3 50
3.	BOMBARDMENT OF FORT SUMTER; The Ironsides throwing shell,	3 50
4.	VIEW OF OLD RUINS, which, by being turned around, changes to Portrait of an Old Woman,	3 00
5.	HOLLAND WIND-MILL, with Revolving Fans,	3 00
6.	FOUNTAIN,	4 50
7.	NEWTON'S DISK, Revolving Slides, with prismatic colors, for re-composing white light. Beautiful effect,	3 50
8.	RATCATCHER—Man sleeping—Awakes and swallows one rat after another in quick succession. Very laughable,	4 00
9.	MOUNT VESUVIUS—Eruption—Throws out Fire and Smoke Good for one lantern,	4 50
10.	MOVING WATERS. Represents the Waters moving in the Moonlight. A very beautiful and natural effect,	2 25
11.	GOOD NIGHT IN WREATH. A Wreath of Flowers, in which appears a Young Girl holding a Candle. She disappears, and is succeeded by the words Good Night. Excellent for closing,	3 00
14.	THE DANCING SAILOR, a new and striking effect, having a motion similar to the Dancing Skeleton,	4 50
15.	SWISS WATER-MILL; Wheel Revolves,	2 50
16.	THE AQUARIUM, in which fish move about,	4 50
17.	THE BEEHIVE, surrounded by Flying Bees. Very fine,	4 50
18.	CURTAIN SLIDE. One Slide, Represents the Rolling up of a Curtain, and discloses a very pleasing landscape for commencing a Dissolving-view Exhibition.	2 50
19.	GYMNAST, Best,	4 50 6 00
20.	MOON SLIDE. One Slide, Lever Movement,	2 25
21.	ROCKET SLIDE. May be used with any night scene, causing rocket to rise and explode in the air, producing a shower of colored stars falling down,	3 00
22.	AURORA BOREALIS for use with arctic series,	2 50

## **New Effect Slides for a Single Lantern.**

\$2.25 EACH.

**These are quite New and Beautifully Colored.**

1. **FINGAL'S CAVE.** Interior seen by a torch and partly by daylight; a brilliant red light gradually illuminates the scene.
2. **RACE-COURSE AT MUNICH.** The familiar scene of the race-course, with crowds of spectators, are here exhibited, when the running horses pass rapidly across.
3. **BLUE GROTTO AT CAPRI ISLAND.** The interior is seen by dim daylight coming through the entrance; a boat with torches comes across and illuminates the grotto, which, after the boat passes, appears again in blue, as at first seen.
4. **RAILROAD TRAIN.** A viaduct near Verviers, Prussia, by moonlight; a train with lighted-up cars passes across.
5. **BURNING HOUSE.** A fire-engine, drawn by two galloping horses and a lot of firemen, passes across rapidly.
6. **SUNSET ON THE ALPS.** The Glacier of Löffel-Spitz is seen in full daylight; evening approaches, and the shepherd is returning over the bridge across the limpid brook to his cottage when the sunset glow on the icy peaks illumines the scene.
7. **THE NEW BRIDGE ACROSS THE ST. GOTHARD.** A beautiful day-scene, representing the usual Alpine travel across.
8. **CASTLE STOLPEN, IN GERMANY.** An evening scene; the moon rises and lights up by degrees the castle and landscape.
9. **VENICE.** View of the Grand Canal at evening—illuminated gondolas pass along the waters.
10. **BALLOON ASCENSION.** A large number of spectators are collected on a public square surrounded by houses; the balloon is already inflated and anchored in the middle; at the signal the balloon begins to rise, and passes out of sight at last.
11. **VIEW OF THE "SIEBENGEbirge" (SEVEN HILLS), RHINE.** The scene is from the Terrace of Castle Ehrenfels, across the placid waters of the Rhine; the windows of the castle are lighted; a steamboat passes along.
12. **POLAR SCENERY.** Showing a beautiful Aurora, with changing colors.
13. **LIGHT-HOUSE ON THE COAST.** A steamer is passing.

## **Extra Fine Dissolving Views, \$3.50 the set.**

FOR DOUBLE LANTERN.

14. **THE BLUE GROTTO OF CAPRI.** Artificial illumination—visitors with torches passing in boats.
15. **NIAGARA.** Horseshoe Falls; day scene; a rainbow appears in the spray.
16. **THE THORSTEIN.** A natural bridge in; day scene changing to moonlight.
17. **CASTLE EBERSTEIN IN BAVARIA.** Day and night.
18. **STOLZENFELS ON THE RHINE.** Day and night.

JAMES W. QUEEN & CO., PHILADELPHIA.

# NEW AND BEAUTIFUL DISSOLVING \* VIEWS, FINELY PAINTED.

Each set is composed of several pictures, provided with mechanism for producing various interesting effects.

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**1. Viaduct Across the Loire in France** [3 views and 3 changes].

A windmill with set of revolving fans is seen in the distance through the arches; evening comes on, and the lamps on the bridge are lighted one by one; a train with lighted-up cars passes across, . . . . . \$10 00

**2. The Ill-Fated Steamer** [4 views].

A vessel starts with a fair wind; a storm comes up; the ship is struck by lightning and takes fire, which is seen curling up; the wreck is finally left by the crew, which is saved on a raft, . . . . . 10 00

**3. The Forge in the Alps** [4 views].

A beautiful mountain scene in full sunlight; an approaching storm obscures the sky; a flash of lightning strikes the house, and flames are seen issuing and increasing; the burning ruins are seen at night by moonlight, . . . . . 10 00

**4. A Swiss Mountain Scene** [5 views], with a cascade of running water.

A gang of brigands are seen passing a small bridge and entering a hut standing by the roadside, where presently a light appears, . . . . 10 00

**5. A View of the Cathedral of Trieste** [5 views].

On the plaza in the foreground a fountain of sparkling water, which at nightfall is illuminated with a variety of colors, . . . . . 10 00



**6. Villa Ostia, Italy, on the Tiber [3 views].**

The villa is illuminated at night and rockets are sent up from different points, which explode and display a shower of colored stars falling down, and are reflected in the water, . . . . . \$7 50

**7. Castle Hohenschwangau in the Tyrolese mountains [3 views].**

A sunset view; at evening the castle is illuminated, and a fountain in the foreground plays in all colors, . . . . . 7 50

**8. Tropical Landscape, the sources of the Jumna, India [3 views].**

A waterfall is rolling down a precipitous rock forming a pool of water below; an elephant is enjoying a bath, . . . . . 7 50

**9. An Avalanche in the Alps [3 views].**

A Swiss cottage is tumbled down the mountain by falling snow and rocks; the moon lights up the place lately occupied by the cottage, . . . . . 7 50

**10. The Bay of Naples, seen from Virgil's Tomb [3 views].**

Mount Vesuvius is seen in the distance with a column of smoke issuing from its crater; night comes on and the volcano becomes active, and emits fire and lava, . . . . . 7 50

**11. Palace Fredericsberg, near Copenhagen, Denmark [3 views].**

The palace is illuminated at night; at times the moon emerges from the passing clouds and the light is reflected from the ripples of the water, . . . . . 7 50

**12. The Wetterhorn, Swiss [3 views].**

A very characteristic landscape in full sunlight; evening comes on and darkens the scene; soon after sunset the snowcapped mountain becomes brilliant by the Alpine glow; the moon now appears in the sky, and lights in the cottages, . . . . . 7 50

**13. Ruins of Pompeii [3 views].**

A magnificent painting; in the distance Vesuvius towers skyward; the day is past, and the scene changes, and Vesuvius hurls fire and lava high into the air, . . . . . 7 50

**14. The Imperial Palace, St. Petersburg, by day.**

The palace is illuminated at night, and sleighs pass in front, . . . . . 7 50

**15. Emperor Fountain at Aix la Chapelle.**

Palace illuminated at night; fountain plays all colors, . . . . . 7 50

JAMES W. QUEEN & CO., PHILADELPHIA.

## Series XXVI.—Colored Photographic Comic Slides, with Movable Slip.

PRICE, \$1.00 EACH.

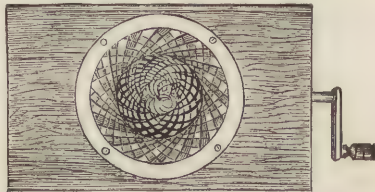


- No.  
1. Backing out of Going to Market.  
2. Spring and Fall.  
3. Race Go-as-you-please.  
4. Clearing the Letter-box.  
5. Skipping Girl.  
6. Boy and Donkey.  
7. Dancing Imp.  
8. Dancing Negro.  
9. Good-night.  
10. Man Beating his Donkey.  
11. Irishman Driving Pig.  
12. Boy Falling off Pig.  
13. Man Asleep Swallows Mice.  
14. Organgrinder and Monkey.  
15. Man with Growing Tongue.  
16. Performing Elephant.  
17. Monkey Dipping Cat.  
18. Boy Chasing Butterfly.

- No.  
19. Boy Firing off Cannon.  
20. Wizard Raises Demon.  
21. Dog Catches Monkey (Tail comes off).  
22. Monkey Teasing Cat.  
23. A Pear—a Pair.  
24. The End of the Tale (Tail).  
25. Dentist.  
26. Punch Bowl.  
27. Man Shaving and Cat.  
28. Frog Jumps out of Pie.  
29. Blacksmith at Work.  
30. Cow Tossing Dog.  
31. Monkey Teasing Old Woman.  
32. Lady on Kicking Mule.  
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34. Boy Teasing Dog.  
35. Boy on Two Stools.

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Magnetic needle showing inclination and declination.  
Electricity excited by friction.  
Electrophorus.  
Electricity excited by influence.  
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Electric flow.  
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Volta's pistol.  
Charging Leyden jar.  
Discharging Leyden jar.  
Battery of electrical jars.  
Universal discharger.  
Experiment of perforating glass.  
Leyden jar with movable coatings.  
Franklin's kite experiment.  
Different kinds of lightning.  
Flash of lightning photographed.  
Lightning conductor.  
Limit of protection by conductors.

### MAGNETISM.

Voltaic element.  
Voltaic pile.  
Electricity developed by chemical action.  
Daniell's cell.  
Grove's cell.  
Bunsen's cell.  
Leclanché's cell.  
Decomposition of water by Voltaic battery.  
Faraday's experiment in electrolysis.  
Oersted's experiment.  
Ampère's law.  
Schweigger's multiplier.  
Astatic galvanometer.  
Ohm's law.  
Resistance pile.  
Wheatstone's bridge.  
Voltaic element and galvanometer showing current.

Action of magnet on a current.  
Rotation of current by magnet.  
Action of current on a solenoid.  
Rhumkorff's coil and interrupter.  
Rhumkorff's induction coil.  
Stohrer's induction coil.  
Gramm's mag-electro machine.  
Construction of Gramm's armature.  
Diagram of apparatus in Morse telegraphy.  
Hughes' printing telegraph.  
Diagram of Hughes' printing telegraph.  
Electric bell.  
Jablochkoff electric candle and lantern.  
Foucault's regulator for electric light.  
Browning's regulator for electric light.  
Image of the carbon point.  
Magnetic curves from catalogue, p. 130.



## MECHANICS.

- |   |  |
|---|--|
| <ul style="list-style-type: none"> <li>Action and reaction.</li> <li>Parallelogram of forces.</li> <li>Composition and resolution of forces.</li> <li>Parallel forces, the arithmetical lever.</li> <li>Equilibrium of two forces.</li> <li>The pulley.</li> <li>The compound pulley.</li> <li>Simple levers.</li> <li>Wheel and axle.</li> <li>Windlass.</li> <li>Inclined plane.</li> <li>The screw.</li> <li>The wedge.</li> </ul> | <ul style="list-style-type: none"> <li>Elasticity—spring balances.</li> <li>Plumb-line, vertical to fluid surface.</li> <li>Centre of gravity.</li> <li>Different positions of equilibrium.</li> <li>Stable and unstable equilibrium.</li> <li>Attwood's machine.</li> <li>Diagram of motion of pendulum.</li> <li>Pendulum, verification of law.</li> <li>Application of pendulum to clock.</li> <li>Tisley's compound pendulum.</li> <li>Tisley's compound curves.</li> <li>The Vernier.</li> <li>Cathetometer.</li> </ul> |
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## HYDROSTATICS.

- |   |  |
|---|--|
| <ul style="list-style-type: none"> <li>Equality of liquid pressure.</li> <li>Hydraulic press.</li> <li>Hydrostatic paradox.</li> <li>Barker's mill.</li> <li>Equilibrium of liquids.</li> <li>Equilibrium of liquid in communicating vessel.</li> <li>Artificial fountain.</li> </ul> | <ul style="list-style-type: none"> <li>Artesian wells.</li> <li>Principle of Archimedes, demonstrated.</li> <li>Hydrostatic balance, sp. gr. of solid.</li> <li>Hydrostatic balance, sp. gr. of fluid.</li> <li>Specific gravity bottle.</li> <li>Nicholson's hydrometer.</li> <li>Cohesion of liquids, dew drops.</li> <li>Capillary elevation and depression.</li> </ul> |
|---|--|

## PNEUMATICS.

- |  |  |
|--|--|
| <ul style="list-style-type: none"> <li>Illustration of atmospheric pressure.</li> <li>Madgeburg hemispheres.</li> <li>Torricellian experiment.</li> <li>Simple form of barometer.</li> <li>Wheel barometer.</li> <li>Aneroid barometer.</li> <li>Air pump.</li> <li>Mercury pump.</li> </ul> | <ul style="list-style-type: none"> <li>Condensing pump.</li> <li>Fountain in vacuo.</li> <li>Hero's fountain.</li> <li>The siphon.</li> <li>The suction pump.</li> <li>The forcing pump.</li> <li>Centrifugal pump.</li> <li>Screw turbine.</li> </ul> |
|--|--|

## HEAT.

- |   |   |
|---|---|
| <ul style="list-style-type: none"> <li>Simple pyrometer.</li> <li>Unequal expansion of different metals.</li> <li>Compensating pendulum.</li> <li>Pendulum with compensating bars.</li> <li>Expansion of liquids and gases by heat.</li> <li>Filling a mercurial thermometer.</li> <li>Determination of freezing point.</li> <li>Determination of boiling point.</li> <li>Thermometer scales.</li> <li>Maximum and minimum thermometer.</li> <li>Maximum density of water.</li> <li>Cold produced by expansion of gases.</li> <li>Carré's ice machine.</li> </ul> | <ul style="list-style-type: none"> <li>Ebullition; water singing.</li> <li>Ebullition; water boiling.</li> <li>Comparative volumes of water and steam.</li> <li>Construction of thermopile.</li> <li>Thermopile and galvanometer.</li> <li>Radiation of heat in straight lines.</li> <li>Radiation of heat; law of inverse squares.</li> <li>Reflection of radiant heat.</li> <li>Burning mirror.</li> <li>Refraction of heat; burning glass.</li> <li>Absorption of radiant heat by air.</li> <li>Modern locomotive engine, section.</li> <li>Gas engine, Otto.</li> </ul> |
|---|---|

## SOUND.

Propagation of pulse or wave.  
Propagation of sound from a bell to ear.  
Propagation of sound-wave in a tube.  
Speaking-tube, mouth-piece, and whistle.  
Invisible woman.  
Reflexion of sound.  
Reflexion of echo.  
Refraction of sound.  
Refraction of sound by a sound lens.  
Velocity of sound in air.  
Velocity of sound in water.  
Savarte-toothed wheel experiment.  
Seebeck's syren.  
Vibrations of tuning-fork.  
Lissajou's method of showing same.

Helmholtz double syren.  
Vibrations and nodes in a spring  
Melde's experiment; string attached to tuning fork.  
Chladny's sand figures.  
Sand figures on membranes.  
Propagation and reflection of liquid waves on the surfaces of an elliptical bath of mercury.  
Diagram of vibrating tuning forks in state of coincidence and interference.  
Mammetric flames.  
Mammetric flames, note and octave, note and third.

## TELEPHONE, MICROPHONE, AND PHONOGRAPH.

Various uses of the telephone.  
Simple electro-magnet.  
Bell's articulating telephone.  
Bell's articulating telephone in circuit.  
Bell's articulating telephone in use.  
Bell's telephone, various forms.  
Proprietor communicating with factory.  
Telephone applied to warfare.  
Edison's carbon telephone.  
Edison's shouting telephone, principle.

Hughes' pencil microphone.  
Hughes' pencil microphone in use.  
Watch ticking heard by microphone.  
Edison's phonograph.  
Preice & Tyndall working the phonograph.  
Phonograph with governor in use.  
Gramme's magneto-electric machine.  
Gramme's magneto-electric distributor.  
Brush magneto-electric distributor.

## MAGNETIC CURVES.

Photographs from the Actual Figures made with Iron Filings by  
Professor S. P. Thompson, D. Sc.

Magnetic curves of bar magnet.  
Magnetic curves of horseshoe magnet.  
Magnetic lines of force of single pole.  
Curves of attraction of two magnets.  
Curves of repulsion of two magnets.  
Two parallel magnets attracting.  
Two parallel magnets repelling.  
Lines of force of dissimilar poles.  
Lines of force of similar poles.  
Horizontal section of electro-magnet.  
Lines of force of electro-magnet.  
Action of magnetic field on a small magnet.  
Circular lines of force round a galvanic current.  
Lines of force of current in horizontal wire.  
Magnetic field of a looped conductor.  
Field of two parallel attracting currents.  
Field of two parallel repelling currents.  
Attraction of two parallel horizontal currents.  
Repulsion of two opposed parallel currents

Magnetic field of oblique currents.  
Field of horizontal and vertical currents.  
Lines of force of current deflecting a needle.  
Stable position of needle near vertical currents.  
Neutral position of needle near vertical current.  
Unstable position of needle near vertical current.  
Field of force of a galvanometer.  
Field of magnetic needle in a circuit.  
Field of magnet attracting current.  
Attraction of North Pole into a simple circuit.  
Repulsion of South Pole out of a simple circuit.  
Mutual rotation of current and magnet pole.  
Spiral field of magnet rotated by current running through it.  
Conversespiral field of South Pole rotated by current running through it.

# PHYSICAL GEOGRAPHY.

## SCENES AND VIEWS.

- 1 Plain and Table-land.
- 2 Hills, Mountains.
- 3 Valleys, Cañons.
- 4 Glaciers, Icebergs.
- 5 Sea or Lake.
- 6 Rivers, Water Falls.
- 7 Waterspout.
- 8 Cyclones, Sandstorm.
- 9 Avalanche.
- 10 Mirage.
- 11 Magnetic Chart lines of equal variations.

## MAPS AND CHARTS.

- 12 Isobars for January.
- 13 " " July.
- 14 Isothonical lines for January.
- 15 Isothonical lines for July.
- 16 Relief map of North America.
- 17 " " South America.
- 18 " " the United States.
- 19 " " Europe.
- 20 " " Africa.
- 21 " " Asia.
- 22 " " Australia.

# PHYSICAL GEOLOGY.

Lecture By the REV. H. N. HUTCHINSON, B.A., F. R. G. S.

- 1 The Seasons.
- 2 Circulation of Atmosphere.
- 3 Waterspout.
- 4 July Isobars and Prevailing Winds.
- 5 January Isobars.
- 6 Classes of Clouds.
- 7 Distribution of Rainfall.
- 8 Formation of Caverns in Limestone.
- 9 Stalactites. Jenolan Caves.
- 10 Grotto. Jenolan Caves.
- 11 Artesian Well.
- 12 Cañon, Colorado.
- 13 Vishnu's Temple (Horizontal Strata).
- 14 Pinnacle in Kanab Cañon.
- 15 Niagara, Horseshoe Falls.
- 16 Vermillion Cliffs, Utah.
- 17 Vermillion Cliffs, Section.
- 18 Inversnaid Falls.
- 19 Loch Lomond.
- 20 Monte Rosa.
- 21 Rhone Glacier.
- 22 Viesch Glacier.
- 23 Glacier and Crevasse.
- 24 Iceberg.
- 25 Greenland Glacier.
- 26 Stacks of Duncansby.
- 27 The Matterhorn.

- 28 Section across the Alps.
- 29 Concentric Earthquake Waves.
- 30 Gifu (Japan), after the Earthquake.
- 31 Bridge Ruined by Earthquake, Gifu.
- 32 Earthquake Effects at Diana Marina.
- 33 Vesuvius in Eruption (1872).
- 34 Ideal Section of Volcano.
- 35 Vesuvius, Crater and Lava Stream.
- 36 Vesuvius. Lava Stream.
- 37 Fingal's Cave, Staffa.
- 38 Basaltic Columns, Giant's Causeway.
- 39 Grand Geyser, Yellowstone Park.
- 40 Foraminifera (Depth 1850 Fathoms).
- 41 Globigerina Bulloides.
- 42 Foraminifera (Depth 2900 Fathoms).
- 43 Orbulina.
- 44 Foraminifera (Magnified).
- 45 Polycistina (Bermuda).
- 46 Holtenia.
- 47 Ventriculites.
- 48 Depths of the Sea (Atlantic Ocean).
- 49 Depths of the Sea (Pacific Ocean).
- 50 Coral Formations.



# LIGHT AND OPTICS.

## REFRACTION OF LIGHT.

1. Linear propagation of light.
2. The prism—deviation of light.
3. Decomposition of light by prism, solar spectrum.
4. Unequal refrangibility of rays of light.
5. Formation of images by small apertures.
6. Experiments illustrating refraction.
7. Forms of lenses.
8. Fresnet's lens for light-house.
9. Formation of images by convex lenses.
10. Reverted image of landscape.
11. Intensity of illumination—law of inverse squares.
12. Index of refraction.
13. Chromatic aberration.
14. Achromatic prism and lens.
15. Spherical aberration.
16. Atmospheric refraction.
17. Effect of refraction on sun-set.
18. Diagram to explain wave-lengths.
19. Diagram to interference of waves.
20. Table of wave-lengths.
21. Double refraction Iceland spar.
22. Nicol's prism and Polariscopes.
23. Colored rings in crystals with Polariscopes.
24. Recomposition of light by 7 mirrors.
25. Recomposition of complimentary colors by polariscopes.
26. Reflection of light by plane mirror.
27. Illustration of law of reflection.
28. Total reflection—limiting angle.
29. Phenomena of total reflection.
30. Reflection from concave mirrors.
31. Foci of concave mirrors.
32. Virtual and real image.
33. Scattering light by irregular surfaces.
34. The rainbow.
35. Explanation of same.
36. Mirage.
37. Explanation of Pepper's Ghost.

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9. Star Spectroscope. (Secchi.)
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11. Solar Spectrum, photographed by Draper.
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| 3. Fraunhofer's Map of Solar Spectrum (1814-15).   | 9. Spectra of Chlorophyll, Chloride of Uranium, Magenta, and Blood.        |
| 4. The Spectroscope.   | 10. Gassiot's Spectroscope, made by Browning.                              |
| 5. Spectra of the Sun, Beta Cygni and Hydrogen.  | 11. Coincidence of Spectrum of Iron with 65 of the Fraunhofer Lines.       |
| 6. Spectra of Potassium, Rubidium, Sodium, and Lithium.                                  | 12. Spectra of Sun, Chromosphere, Prominences, and Corona.                 |
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| 4. Teeth, and Structure of same.                   | 13. Diagram of Circulation.           |
| 5. Muscles, Front View.                            | 14. Skin, and Structure of same.      |
| 6. " Back "  | 15. Brain and Spinal Cord.            |
| 7. " of the Head, Neck, and Face.                  | 16. General View of the Nerves        |
| 8. General View of the Digestive Organs, in place. | 17. Fifth Pair of Nerve.              |
| 9. The Digestive Organs.                           | 18. Facial Nerves.                    |
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|  | 20. Anatomy of the Ear.               |

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| 4 The Cavity of the Thorax              | 17 The Semilunars of the Pulmonary Artery        | 28 The Capillary System of a Villus                 |
| 5 The Diaphragm, Ribs, and Muscles      | 18 The Semilunars of the Aorta                   | 29 The Valves of Veins                              |
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| 7 The Organs of the Thorax              | 20 The Superficial Muscular Fibres of the Heart  | 31 Air-cells of the Lungs                           |
| 8 The Heart and Lungs                   | 21 The Superficial Muscular Fibres of the Heart  | 32 Diagram showing the positions of the Valves      |
| 9 Transverse Section of the Thorax      | 22 Muscular Fibres of the Sheep's Heart          | 33 Diagram showing the positions of the Valves      |
| 10 The Pericardium. Posterior           | 23 Voluntary and Involuntary Muscular Fibres     | 34 Circulation of Blood in the Web of a Frog's Foot |
| 11 The Heart and its Vessels. Anterior  | 24 Microscopic Structures of the Muscular Fibres | 35 The Cerebro-Spinal Nerve System                  |
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| 13 Interior of Heart. Right side        |  |   |

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| 5 Vertebral Column.                                     | 28 Cavity of Thorax, Diaphragm.                            |  |
| 6 Pelvis.   | 29 Minute Structure of Lungs.                              |  |
| 7 Ribs.   | 30 Absorbent System.                                       |  |
| 8 Clavicle, Scapula, Arm, and Hand.                     | 31 Lymphatics.   |  |
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| 10 Ligaments.   | 33 Renal Circulation.                                      |  |
| 11 Effects of Tight Lacing on the form of the Skeleton. | 34 Sections of Skin.                                       |  |
| NERVOUS SYSTEM.   |  |  |
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| 12 Muscular System.                                     | 35 Liver, etc.   |  |
| 13 Natural Levers.                                      | 36 Cerebro Spinal System.                                  |  |
| DIGESTIVE ORGANS.                                       |  |  |
| 14 Viscera of Human Body.                               | 37 Ganglionic System.                                      |  |
| 15 Course of Ingesta.                                   | 38 Section of Brain, showing twelve pairs of nerves.       |  |
| 16 Jaws.  | 39 Under surface of Brain, showing twelve pairs of nerves. |  |
| 17 Kinds of Teeth.                                      | 40 Spinal Cord.  |  |
| 18 Salivary Glands.                                     | SENSES.  |  |
| 19 Liver, Pancreas, Stomach (interior).                 | 41 Touch—nerve endings in skin.                            |  |
| 20 Gastric Glands, Structure of Intestines.             | 42 Smell—sections of nose.                                 |  |
| CIRCULATORY ORGANS.                                     |  |  |
| 21 Systematic Circulation.                              | 43 Taste—tongue.   |  |
| 22 Heart and Lungs (exterior).                          | 44 Sight—sections of eye.                                  |  |
| 23 Heart (interior, right side)                         | 45 Sight—minute structures of eye.                         |  |
| 24 Blood Corpuscles (Human and Comparative)             | 46 Sight—muscles of eye and lachrymal apparatus.           |  |
|   | 47 Hearing—ear.  |  |
|   | 48 Speaking—larynx, etc.                                   |  |
|   | 49 Minute structure of Bone.                               |  |
|   | 50 Minute structure of Teeth.                              |  |
|   | 51 Minute structure of Muscle.                             |  |
|   | 52 Structure and Growth of Nails and Hair                  |  |



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13. " Uranus and Neptune.
14. Refraction, Parallax.
15. Kepler's Laws.

### A. THE SUN.

1. *Granular appearance* of the surface under highest powers. *C. Flammarion.*
2. Sun spot, projecting radiations, penumbra feebly developed. *C. Flammarion.*
3. Solar willow leaves, after Nasmyth. *Secchi.*
4. Sun spot. *Langley.*
5. Sun spot, } *Harvard,* { 1872.
6. " " } { 1873.
7. Photosphere and sun spot. *Flammarion.*
8. Partial view of sun disc during eclipse of May, 1882.
9. Solar prominence, 1872. *Harvard Univ.*
10. " " 1873. " "
11. A solar explosion. *C. Flammarion, 1882.*
12. Total Eclipse, August 7th, 1869. *Harvard Univ.*
13. " " December 1st, 1871. Corona, photosphere, and prominences.
14. Comparative size of a prominence and the earth.
15. Panoramic view of a partial solar eclipse, May, 1882.
16. Wolfe's sun spot numbers.

### B. THE MOON.

1. Map of Full Moon and Key to Craters.
2. Full Moon, photograph by Rutherford.
3. First Quarter, " "
4. Last " "
5. Mare Crisium at Full Moon. *Piazzi Smith.*
6. Lunar Craters—A. Linni, Gassendi, Plato, Aristarchus, Herodotus, etc.  
B. Cassini, Plinius, Arzachel, etc.  
C. Hypatin, Guttenberg, Julius Caesar, etc.  
D. Torricelli, Agrippa, Godin, etc.
7. Ideal Lunar landscape. *C. Flammarion.*
8. Earth seen from the Moon.
9. Extinct Craters on the Earth, in Iceland.
10. " " " in Auvergne, France.
11. An Eclipse of the Moon seen from the Earth.
12. Telescopic view of partial Eclipse of Moon.

### C. THE SOLAR SYSTEM.

- |     |  |                            |   |  |
|-----|--|----------------------------|---|--|
| No. |  |                            |   |  |
| 1.  | Solar System (scale of 1 millimeter to ten million Fr. miles). | <i>C. Flammarion, 1883</i> |   |  |
| 2.  | Annual elliptic orbit of the earth round the Sun,              | "                          | " |  |
| 3.  | Comparative inclination of axes of Earth and Venus,            | "                          | " |  |
| 4.  | " " " " " Jupiter,   | "                          | " |  |
| 5.  | " sizes of Earth, Mars, and Mercury,                           | "                          | " |  |
| 6.  | " " " and Jupiter,   | "                          | " |  |
| 7.  | " " " Uranus and Neptune,                                      | "                          | " |  |

### TELESCOPIC APPEARANCE OF

2. Mercury, April 14th, 1871, a little more than half-illuminated—South Pole very bright. *Bothk. Obs.*
10. Mercury, April 22d, 1871, crescent shape; two dark spots near the edge—North Pole bright. *Bothk. Obs.*
11. Occultation of Venus by Moon. *C. Flammarion.*
12. Phases of Venus. *C. Flammarion.*
13. Mars, 1873. *Harvard Univ.*
14. " September 10th, 1877. *Potsdam Obs.*
15. Jupiter, 1873. *Harvard Obs.*
16. " red spot from royal Astro. notices, 1886.
17. Saturn in four positions of his rings.
18. " several divisions on rings. *C. Flammarion.*
19. " rings as seen from the Planet. *C. Flammarion.*
20. " 1872. *Harvard Univ.*
21. " ring system seen from above. *C. Flammarion.*
22. Comparative size of Sun and Planets.

### D. STARS—NEBULÆ—AURORA, Etc.

1. Star Cluster in Hercules. *Harvard Univ.*
2. " Taurus.
4. " Perseus.
5. Ring Nebula in Lyra. *Harvard Univ.*
6. Dumb-bell Nebula. "
7. Andromeda " "
8. Trifid " "
9. Grand " in Orion "
10. " " central part, "
12. Spiral " in Canes Venat. *Secchi.*
14. Crab " in Taurus. "
16. The Pleiades.
18. Double and Multiple Stars.
23. Cluster in Greyhounds.
24. Nebulæ in Scutum. *Sobiesky.*

### E. COMETS.

3. Great Comet of 1811, with naked eye. *Bruhn's Atlas.*
3. Halley's Comet, October 28th, 1835, with naked eye. *Bruhn's Atlas.*
5. " " 8th, 1835, telescopic drawing by Bessel. *Bruhn's Atlas.*
7. Donati's " 1858, drawing by Bond. *Secchi.*
8. " " October 5th, 1858, telescopic. *Bruhn's Atlas.*
10. " " September 30th, 1869, do. *Harvard Univ.*
13. Coggia's " June 10th, 1874. "
14. " " July 13th, 1874. "



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F. STAR MAPS.

- No. 7. Northern Celestial Hemisphere. *Kendall.*  
4. Southern " " "  
6. Constellations, visible January 21st to April 17th.  
8. " " " April 18th to July 21st.  
10. " " " July 22d to October 31st.  
12. " " " November 1st to January 20th.

DIAGRAMS OF THE CONSTELLATIONS.

- |                            |                          |                    |
|----------------------------|--------------------------|--------------------|
| 1. Scorpion.               | 9. Eagle, Antinous.      | 16. Andromeda.     |
| 2. Lion.                   | 10. Orion.               | 17. Perseus.       |
| 3. Ophiuchus.              | 11. " Trapezium.         | 18. Coma Berenice. |
| 4. Hercules, Crown.        | 12. Dragon, Little Bear. | 19. Fishes.        |
| 5. Bull.                   | 13. Virgin, Crow.        | 20. Twins.         |
| 6. Swan.                   | 14. Pegasus.             | 21. Scorpion.      |
| 7. Aquarius, Goat.         | 15. Cassiopeia.          |                    |
| 8. Great Bear, Greyhounds. |                          |                    |

ASTRONOMICAL PHOTOGRAPHS TAKEN AT THE LICK OBSERVATORY.

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- |  |  |
|--|--|
| 1. View of the Lick Observatory.   | 18. Total Solar Eclipse of April 16th, 1893; taken with the 40 feet Photoheliograph by J. M. Schaeberle, at Mina Bronces, Chile. Exposure, 16 seconds.   |
| 2. 36-inch Equatorial of the Lick Observatory.   | 19. Photograph of the same Eclipse taken with the Dallmeyer Lens of the Lick Observatory, by J. M. Schaeberle.   |
| 3. Eye-end of the 36-inch Equatorial Telescope.  | 20. Portion of the Sun's Limb during the same Eclipse, showing Solar prominences and lower portion of the Corona. Contact Print from the large Negative taken with the 40 feet Photoheliograph, by J. M. Schaeberle. |
| 4. Micrometer of the 36-inch Telescope.  | 21. Portion of the Sun's Limb during the same Eclipse, showing Solar prominences and lower portion of the Corona. Contact Print from the large Negative taken with the 40 feet Photoheliograph, by J. M. Schaeberle. |
| 5. Spectroscope on the 36-inch Telescope.  | 22. Portion of the Sun's Limb during the same Eclipse, showing Solar prominences and lower portion of the Corona. Contact Print from the large Negative taken with the 40 feet Photoheliograph, by J. M. Schaeberle. |
| 6. The Sun, showing Sun Spots and Faculae, August 28th, 1893, reduced from Negative taken with the Photoheliograph.  | 23. Portion of the Sun's Limb during the same Eclipse, showing Solar prominences and lower portion of the Corona. Contact Print from the large Negative taken with the 40 feet Photoheliograph, by J. M. Schaeberle. |
| 7. The Sun, showing Sun Spots and Faculae, August 30th, 1893, reduced from Negative taken with the Photoheliograph.  | 24. The Moon, taken 1890, July, 20d. 7h. 52m., Moon's Age, 4d. 3h.   |
| 8. The Sun, showing Sun Spots and Faculae, September 3rd, 1893, reduced from Negative taken with the Photoheliograph.  | 25. The Moon, taken 1890, Nov., 16d. 5h. 57m., Moon's Age, 4d. 12h.  |
| 9. The Sun, showing Sun Spots and Faculae, September 4th, 1893, reduced from Negative taken with the Photoheliograph.  | 26. The Moon, taken 1893, Nov., 15d. 7h. 6m., Moon's Age, 7d. 14h.   |
| (Nos. 6 to 9 show the same group of spots in its passage across the disc).   | 27. The Moon, taken 1893, July, 21d. 9h. 1m., Moon's Age, 8d. 16h.   |
| 10. Portion of the Sun's Disc, showing Groups of Spots; Contact Print from Negative taken with the Photoheliograph, May 15th, 1894.  | 28. The Moon, taken 1891, Oct., 11d. 7h. 32m., Moon's Age, 9d. 2½h.  |
| 11. Portion of the Sun's Disc, showing Groups of Spots; Contact Print from Negative taken with the Photoheliograph, June 18th, 1894.   | 29. The Moon, taken 1892, Mar., 8d. 13h. 16m., Moon's Age, 10d. 5½h.   |
| 12. Portion of the Sun's Disc, showing Groups of Spots; Contact Print from Negative taken with the Photoheliograph, June 19th, 1894.   | 30. The Moon, taken 1890, Oct., 26d. 10h. 19m., Moon's Age, 13d. 1h.   |
| 13. Portion of the Sun's Disc, showing Groups of Spots; Contact Print from Negative taken with the Photoheliograph, June 19th, 1894, enlargement of the principal group of spots shown on No. 12.            | 31. The Moon, taken 1890, Aug., 4d. 12h. 39m., Moon's Age, 19d. 8h.  |
| 14. Portion of the Sun's Disc, showing Groups of Spots; Contact Print from Negative taken with the Photoheliograph, June 20th, 1894.   | 32. The Moon, taken 1890, Nov., 3d. 13h. 58m., Moon's Age, 21d. 5h.  |
| (Nos. 11 to 14 show the same groups of spots).   | 33. Jupiter, taken with enlarging Lens in 36 inch Telescope.   |
| 15. Total Solar Eclipse of April 16th, 1893. Eight pictures of Solar Corona taken with the Photoheliograph Lens of 40 feet Focus, by J. M. Schaeberle, at Mina Bronces, Chile (Lick Observatory Expedition). | 34. Jupiter, taken with enlarging Lens in 36 inch Telescope.   |
| 16. Total Solar Eclipse of April 16th, 1893; taken with the 40 feet Photoheliograph by J. M. Schaeberle, at Mina Bronces, Chile. Exposure, 25 seconds.   | (Sept. 26th, 1892).  |
| 17. Total Solar Eclipse of April 16th, 1893; taken with the 40 feet Photoheliograph by J. M. Schaeberle, at Mina Bronces, Chile. Exposure, 8 seconds.  | 35. Nubecula Major, or Greater Magellanic Cloud; reduced from Negative taken with the Dallmeyer Lens by J. M. Schaeberle, April 9th, 1893; 3 hours Exposure.   |
|  | 36. Clusters in Perseus; reduced from Negative taken with the 36-inch Telescope  |

## Supplementary List.

### STARS.

- Algol during an eclipse.  
 Proper motion of the stars, south of  $70^\circ$  north polar distance.  
     "      "      "      north  $75^\circ$       "      "      "  
 The Nebulæ and Clusters of Sir J. Herschel's catalogue.  
 Epsilon Lyrae and comps.  
 Herschel's star gauges in the southern heavens.  
 Cluster in Perseus, direct photograph. *Paris Obs.*, 1884.  
 Star Sphere of Flaristed's projection of all stars visible to the naked eye  
 The Pleiades, direct photograph by the *Henry Bros.*, Paris.  
 Great Nebula in Pleiades, direct photograph, by *Isaac Roberts*, 1889.  
 $\chi$  The  $\gamma$  Argus region and neighboring Clusters, S. Milky way, photo.  
 $\chi\alpha$  and  $\beta$  Crucis and Coal-sack region.      "      "  
 Multiple Stars drawn to scale by *G. F. Chamber*.  
 $\chi$  Region of Milky way about a Cygni. *Dr. Max Wolf*, photo.  
 Original design of the nebulosity of Merops. *M. Temple*.  
 The Trapezium of Orion with the  $36''$  refractor.  
 Milky way in Sagittarius, direct photograph. *H. C. Russel*.  
 Belt and Sword of Orion,      "      "      "  
 Apparent Orbit of  $\zeta$  Hercules.  
     "      "       $\zeta$  Sagittarii.  
     "      "       $\zeta$  Ursæ Majoris.  
     "      "      70 Ophionchi.  
     "      "      Satellite of Sirius.  
 Cluster 2 M Aquarii—*Lord Ross*.

### SPECTROSCOPY.

- Stellar Spectra of 3d class. *Duner*.  
     "      "      4th      "      "  
 Spectrum of Hydrogen in White Star, compared with Spectrum of the Orion  
 nebula, *Huggins*.  
 Photographic Spectrum of Grand Nebula, Orion. *Huggins*.  
 Spectrum of Mira, showing lines of Hyd. and Calcium. *Pickering*.  
 Spectrum of Uranus. *J. E. Keeler*.  
 Spectra of gaseous stars. *Vogel*.  
 Spectrum of Botalquesa (a Orionis) *Harvard College*.  
 Changes in Spectrum of Nova Cygni. *Vogel*.  
 Comet Spectra.  
 Secchi's types of Stellar Spectra.



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### PLANETS.

Transit of Venus, 1871, ingress and egress. *R. A. S*

Chart of planet Venus, by *Nusten*, 1881-1890.

Venus in 1881, by *W. F. Denning*.

" " 1890, by *Perrotin*.

Phases of Venus. *J. V. Schiapparetti*

Plane map of Mars. " "

" " " "

Dark lines on " " "

Telescopic view " " "

Orbits of the Satellites of Mars.

Telescopic view of Jupiter, March 5th, 1886. *Dearborn Obs.*

" " " November 24th, 1883, and January 22d, 1884.

" " " " 7th, 1884, and February 27th, 1885

" " " August 28th, 1890. *Lick Obs.*

Occultation of moons.

Jupiter's red spot, 1880.

Mercury in September, 1889. *Tacchini*.

Shadow of Saturn on the rings at different seasons of its year.

Planet's Orbit inside of Saturn orbit.

### NEBULÆ.

Photo. Neb. in Andromeda. *Roberts*.

### COMETARY.

Orbit of great Comet of 1882.

Orbits of meteoric swarms associated with comets.

Close coincidence of cometary orbits within the earth's orbit.

Diagram illustrating the influence of Jupiter on comet.

Coggins' Comet from July 1st to July 14th, with 10'' refractor.

*a.* The great Comet of 1882 in 26'' Equatorial, October.

*b.* " " " " " November.

The "Sheath" and the attendant of Comet of 1882.

Donati's Comet passing Arcturus, 1858. (No. 7, old list in catalogue.)

### MISCELLANEOUS.

The Ptolémaic system.

August and November meteors.

Determination of distance of a planet from the Sun.

Inversion of the orbit of a Satellite.





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